

Manitoba Immunization Report

Manitoba Immunization Monitoring System (MIMS)

**Annual Report
2003**

COMMUNICABLE DISEASE CONTROL

Public Health Branch
Manitoba Health

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1. Overview

Data in this report are from the Manitoba Immunization Monitoring System (MIMS). These data reflect immunization service dates up to and including December 31, 2003 and entered into MIMS by April 16, 2004. Immunization records are derived from physician billing claims and from manual entry of public health provided immunizations.

In 2003, the Communicable Disease Control Unit, Manitoba Health completed an immunization report review, as recommended by the MIMS Steering Committee. This involved consultation with key stakeholders, including: Manitoba's regional health authorities (RHAs), First Nations and Inuit Health Branch (FNIHB), the Manitoba Centre for Health Policy, Health Canada and others.

Based on this consultation, the following criteria were incorporated into the MIMS data analysis:

Immunization service dates are based on the calendar year January 1, 2003 – December 31, 2003, rather than the fiscal year.

Coverage rates by age reflect a client's status on his/her birthday.

Coverage reports reflect doses a client has received from birth until his/her selected birthday. For example, coverage at age two selects all children who turn two in the calendar year and assesses these children for recommended vaccines on their birthday. Doses administered to children after their selected birthday will not be reflected in the coverage report.

Analysis of coverage by continuous versus non-continuously enrolled clients. A client who is considered "continuous" has been registered for Manitoba Health benefits since birth; non-continuously enrolled clients have moved to Manitoba from another jurisdiction, or if born here have moved out of Manitoba and then back in again. Note: Immunization coverage reports produced by the Manitoba Centre for Health Policy include only continuously enrolled clients.

Complete coverage for select ages, i.e., the client has received all the recommended doses of each antigen recommended for his/her age.

Coverage rate by select antigen in order to assess clients who may have received vaccines not available in Manitoba; of particular importance for clients who have moved into Manitoba from another country; also important for tracking coverage rates when the combination vaccines available in Manitoba change.

Coverage rate by community area (for WRHA only) or by regional health district (all other RHAs). RHAs will receive these data sets for their region only.

FNIHB versus non-FNIHB population, with this indicator based on client self-identification at the time of enrollment for Manitoba Health benefits (A-code). FNIHB estimates that this indicator represents approximately 65 per cent of the FNIHB population. Audits indicate that gaps exist between immunizations administered to FNIHB clients (as documented on paper records) versus those data entered into MIMS. Coverage rates for FNIHB clients are therefore, in general, likely higher than those generated from MIMS data.

Separate dosage by provider type reports from coverage reports. These reports reflect the volume of immunizations delivered by each provider type, based on provider RHA. Their usefulness relates to evaluating staffing or projecting workload by vaccine type. The 2003 report reflects vaccines administered from January 1, 2003 – December 31, 2003 and entered into the system by April 16, 2004.

Additional details on the timing and criteria for data inclusion and exclusion are provided in "Description of Criteria for MIMS Annual Reports" (see page 3).

2. Description of Criteria for MIMS Annual Reports

MIMS Dataset Preparation (numerator)

The MIMS dataset used is a snapshot of the MIMS live database provided by Manitoba Health's Information Services Branch (ISB). For annual reports, the April snapshot following the end of the calendar year is used. As the MIMS dataset is dynamic, each snapshot includes all previously entered data up to the time the output dataset is created.

As of March 2004, the MIMS data is linked to the Manitoba Health Registry to access the municipality where the patient resides. This information is used with the MIMS patient postal code to generate the patient RHA. This corresponds to the methodology used to allocate geography in the denominator dataset.

The MIMS dataset is queried for those records with a service date prior to the end of the calendar year and where the service date is not '00000000' (i.e., unknown).

The calendar year and report date are appended to the dataset.

The age of the patient is calculated as of his/her birthday within the calendar year.

The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health Registry.

First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health.

Population Dataset (denominator)

The corporate Manitoba Health population dataset is used.

The age of the individual is as of his/her birthday within the calendar year.

The population used is based on the figure for June 1 within the calendar year.

The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health Registry.

After 1995/1996, the geographical location of the individual is derived within the corporate system by ISB. It follows the same methodology as for the MIMS dataset.

First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health, following the same methodology as for the MIMS dataset.

NOTE: MIMS geography is determined as of April, following the report year; the population geography is determined as of June 1 during the report year. As a result, coverage rates are occasionally greater than 100 per cent.

Creation of Reports

1. Report 4.1 and 4.2 – Childhood Antigen Reports

The MIMS subset is queried for the following criteria:

Age = > 1, 2, 7, 11, 17 (only where age equals these ages, ex: for one-year-olds, MIMS is queried on the birth date of all children who turn one year of age within the calendar year).

Antigens = > diphtheria, tetanus, pertussis, measles, mumps, rubella, polio, Hib, varicella, hep B, MCV, PCV (all tariffs associated with the antigens, currently and historically, are included).

Immunizations administered throughout the child's lifetime up to, and including his/her birthday are kept for coverage reports.

The data is summarized by id (scrambled PHIN), age, patient location, and First Nations status providing a count of services for each of the antigens for each individual. This allows an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age group.

This dataset is linked to the population data for the rate calculations. Rates are calculated as follows:

$$\text{Rate/100} = \frac{\# \text{ of individuals with complete immunization} \times 100}{\# \text{ of individuals in population of same age}}$$

Antigen-specific coverage calculations: A child must receive three doses of hepatitis B-containing vaccine to be counted in the HBV coverage data at any age. This is for "information" purposes only, as there is no provincial recommendation for HBV until grade 4.

For measles coverage: a child must receive one dose of measles-containing vaccine by age two and two doses by age seven. As the requirement for mumps and rubella-containing vaccine is one dose in a lifetime, and MMR vaccine is the common source for two doses of measles antigen, mumps and rubella coverage rates are higher than measles from age seven and up.

Hib doses are reflected in coverage for children at age one (three doses required), ages two and seven (four doses required). Hib is included for children at age 11 and 17 (four doses) for "information" only, as there is no provincial recommendation for Hib vaccine once children reach age 11. Hib is therefore not included in "complete for age" requirements for children after the age of seven (doses required = 0).

Varicella, meningococcal conjugate and pneumococcal conjugate vaccines coverage rates reflect children receiving *one or more doses*, as in 2003 these vaccines were not part of the recommended childhood schedule.

2. Report 4.3 – Coverage by Registration Status

The MIMS dataset created for the childhood coverage reports is used to perform an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age.

The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health Registry.

This MIMS coverage status dataset is linked to the population coverage status data for the rate calculations. Rates are calculated as follows:

$$\text{Rate}/100 = \# \text{ of individuals} \times 100$$

of individuals in population of same age

Doses Required to be "Complete for Age"

Antigen	Age				
	1	2	7	11	17
Tetanus	3	4	5	5	6
Diphtheria	3	4	5	5	6
Pertussis	3	4	5	5	5
Polio	2	3	3	3	3
Measles	0	1	2	2	2
Mumps	0	1	1	1	1
Rubella	0	1	1	1	1
HIB	3	4	4	0	0
HBV	0	0	0	3	3

3. Report 5 – Childhood Vaccine Dosage Report

(Note: not a coverage rate report)

The MIMS subset created for the childhood coverage reports is used, but only those immunizations that occurred within the calendar year are reflected.

A query is performed for doses administered for each vaccine by provider type (physicians, Public Health and others), provider location and First Nations status of the patient.

This report gives a count of immunizations administered by the different types of providers.

4. Report 6 – Influenza and Pneumococcal Immunization Coverage

The initial MIMS subset is queried for the following criteria:

tariff = Influenza – 8791, 8792, 8793, 8799

Pneumococcal – 8961

Age data is converted to age groups: under 65, under 65 high-risk, over 65. Where a patient was under 65 and the reason variable is 2, the patient was classified as high risk.

For influenza, only those immunizations administered during the calendar year are used for the report.

For pneumococcal, the data is analyzed twice. The first round includes those immunizations administered during the calendar year. The second round includes all pneumococcal immunizations recorded over time as a cumulative coverage rate.

A query is performed by id (scrambled PHIN), age group, patient RHA, and First Nations status providing a count of services for each of the vaccines by id.

This dataset is linked to population data for the rate calculations. Rates are per 100 individuals. The same age groups are applied to the population data with the under 65 high-risk group defined as 11 per cent of the under 65 population.

5. Report 7 and 8 – Influenza and Pneumococcal Vaccine Doses Administered, by Provider Type

(Note: not a coverage rate report)

The MIMS subset created for the influenza/pneumococcal coverage reports is used.

A query is performed to obtain doses administered for each vaccine by provider type (physicians, Public Health, and others), reason for immunization, and First Nations status of the patient.

6. List of Abbreviations

Pop	Population
Diphth.	Diphtheria
Tet.	Tetanus
Pert.	Pertussis
HIB	Haemophilus influenzae type b
HBV	Hepatitis B
V	Varicella
M	Meningococcal
P	Pneumococcal conjugate
DaPTP	Diphtheria, acellular pertussis, tetanus, polio
DaPTP/HIB	Diphtheria, acellular pertussis, tetanus, polio and Haemophilus influenzae type b
MMR	Measles, mumps, rubella
HEPA/B	Hepatitis A and B
TdaP	Tetanus, diphtheria, acellular pertussis

3. Acknowledgements

The behind-the-scenes work required to produce this report was vast. A full three years was spent working on "data in," first with Public Health and then with physicians, to improve the quality of, and confidence in "data out." Many others contributed generously with their time during discussions of how best to format coverage reports to meet the needs of multiple stakeholders.

Special thanks to:

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We have come together to produce a comprehensive set of reports that we hope will provide assistance in evaluating immunization programs. Your continued input in this process is welcome.

Tara Mawhinney, MIMS Steering Committee Chair
Program Consultant
CDC Unit, Manitoba Health

4. Childhood Immunization Coverage Reports, January 1, 2003 – December 31, 2003

4.1 Coverage by Antigen, by Patient Location

■ Manitoba

■ By RHA

Notes:

All vaccines containing each antigen were selected in this report for coverage. For example, "HBV" (Hepatitis B vaccine) reflects all doses administered to clients, including those from Hepatitis A/B combination vaccine (Twinrix). "Measles" reflects all doses administered to clients of any measles-containing vaccine.

Coverage is based on all doses administered to clients up to and including the selected birthdate. Doses administered after the selected birthdate will not be reflected in the report. However, these doses will be counted when the child reaches the next selected age milestone.

Rate per 100 children is the calculated coverage rate.

The population is selected based on the client's address, and therefore may not reflect the number of doses administered by a particular provider. For data by provider type, see Section 5. "Childhood Vaccine Doses Administered by Provider Type, by Provider Location."

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tet.	PerT.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
Manitoba													
Age 1													
First Nations	2,008	1,259	1,259	1,259	58	58	58	1,712	1,252	4	2	1	5
Rate per 100 children		62.7	62.7	62.7	2.9	2.9	2.9	85.2	62.4	0.2	0.0	0.0	0.2
Non-First Nations	11,771	9,949	9,949	9,949	360	360	360	10,795	9,922	44	39	177	844
Rate per 100 children		84.5	84.5	84.5	2.5	2.5	2.5	91.6	84.3	0.7	0.3	1.5	7.2
Total for 1 year olds	13,779	11,208	11,208	11,190	358	358	358	12,487	11,174	48	39	178	849
Rate per 100 children		81.3	81.2	81.2	2.6	2.6	2.6	90.7	81.1	0.3	0.3	1.3	6.2
Age 2													
First Nations	2,008	967	967	967	1,521	1,521	1,521	1,236	936	10	4	0	0
Rate per 100 children		48.2	48.2	48.2	75.9	75.9	75.9	61.6	46.7	0.4	0.2	0.0	0.0
Non-First Nations	12,208	9,908	9,908	9,908	10,840	10,840	10,840	10,604	9,850	170	172	111	440
Rate per 100 children		73.0	73.0	73.0	87.1	87.1	87.1	85.2	73.5	1.4	1.4	0.9	3.7
Total for 2 year olds	14,216	10,875	10,875	10,875	12,321	12,321	12,321	11,840	10,786	180	176	111	440
Rate per 100 children		76.5	76.5	76.5	86.0	86.0	86.0	83.3	76.0	1.3	1.3	0.8	3.2
Age 7													
First Nations	1,577	1,039	1,039	1,039	1,392	1,392	1,392	1,375	1,218	4	2	0	0
Rate per 100 children		66.0	66.0	66.0	88.4	88.4	88.4	87.2	77.4	0.2	0.1	0.0	0.0
Non-First Nations	13,629	10,695	10,694	10,694	11,203	11,203	11,203	10,476	11,352	186	185	18	70
Rate per 100 children		78.5	78.5	78.5	82.2	82.2	82.2	77.0	83.3	1.4	1.4	0.1	0.5
Total for 7 year olds	15,205	11,734	11,733	11,733	12,595	12,595	12,595	11,851	12,570	190	187	18	70
Rate per 100 children		77.2	77.2	77.2	82.7	82.7	82.7	77.5	81.1	1.3	1.3	0.1	0.5
Age 11													
First Nations	1,975	1,251	1,251	1,251	1,286	1,286	1,286	1,710	989	100	0	1	0
Rate per 100 children		63.3	63.3	63.3	65.3	65.3	65.3	84.4	50.0	5.1	0.0	0.1	0.0
Non-First Nations	14,676	12,274	12,273	12,273	12,797	12,797	12,797	13,819	15,146	11,211	47	18	2
Rate per 100 children		84.0	84.0	84.0	87.2	87.2	87.2	94.1	103.2	76.4	0.3	0.1	0.0
Total for 11 year olds	16,651	13,525	13,524	13,524	14,083	14,083	14,083	15,535	16,135	11,311	47	19	2
Rate per 100 children		81.3	81.3	81.3	84.6	84.6	84.6	93.3	96.9	67.7	0.3	0.1	0.0
Age 17													
First Nations	1,629	986	986	986	1,271	1,271	1,271	1,271	1,271	0	0	0	0
Rate per 100 children		60.6	60.6	60.6	77.4	77.4	77.4	77.4	77.4	0.0	0.0	0.0	0.0
Non-First Nations	15,163	12,711	12,710	12,710	12,239	12,239	12,239	14,272	12,241	1,040	18	18	0
Rate per 100 children		84.0	84.0	84.0	80.8	80.8	80.8	94.3	80.8	6.9	0.1	0.1	0.0
Total for 17 year olds	16,792	13,697	13,696	13,696	13,510	13,510	13,510	15,543	13,512	1,040	18	18	0
Rate per 100 children		81.5	81.5	81.5	80.2	80.2	80.2	92.7	81.5	6.2	0.1	0.1	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tet.	Perit.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
10 - Winnipeg													
Age 1													
First vaccine	483	100	100	100	10	10	10	10	20	0	0	1	4
Rate per 100 children	100	100	100	100	2.2	2.2	2.2	2.2	4.2	0	0	0.2	0.8
Repeat first vaccine	6,865	1,200	5,061	1,940	189	189	187	1,137	5,647	181	37	147	680
Rate per 100 children	1,420	240	947	392	42	42	42	237	1,144	38	8.4	30	13.2
Total for 1st vaccine	7,348	1,300	5,161	2,040	199	199	197	1,147	5,667	181	37	148	684
Rate per 100 children	1,522	260	1,041	412	4.4	4.4	4.4	241	1,148	38	8.4	30.2	14.0
Age 2													
First vaccine	447	100	100	100	254	254	254	100	229	1	4	1	0
Rate per 100 children	100	100	100	100	56.8	56.8	56.8	22.9	51.2	0.4	0.9	0.4	0.0
Repeat first vaccine	6,865	1,200	5,061	1,940	6,354	6,354	6,353	6,353	5,705	181	397	71	380
Rate per 100 children	1,420	240	947	392	1,443	1,443	1,443	1,443	1,270	38	89.7	17.1	8.8
Total for 2nd vaccine	7,312	1,300	5,161	2,040	6,608	6,608	6,607	6,453	5,934	182	397	72	380
Rate per 100 children	1,533	260	1,041	412	1,463	1,463	1,463	1,443	1,270	38	89.7	17.2	8.8
Age 7													
First vaccine	402	100	100	100	290	290	290	100	289	1	0	1	0
Rate per 100 children	100	100	100	100	64.7	64.7	64.7	40.2	64.7	0.2	0.0	0.2	0.0
Repeat first vaccine	7,725	1,200	6,325	2,304	6,797	6,797	6,797	6,797	6,796	181	147	10	10
Rate per 100 children	1,600	240	1,245	511	1,544	1,544	1,544	1,544	1,544	38	31.9	2.0	2.0
Total for 7th vaccine	8,127	1,300	6,425	2,404	6,987	6,987	6,987	6,897	6,885	182	147	11	10
Rate per 100 children	1,740	260	1,245	531	1,584	1,584	1,584	1,544	1,544	38	31.9	2.1	2.0
Age 11													
First vaccine	417	100	100	100	207	207	207	100	214	112	10	1	0
Rate per 100 children	100	100	100	100	49.6	49.6	49.6	40.2	51.3	26.0	20.0	0.4	0.0
Repeat first vaccine	6,234	1,200	5,034	1,716	5,777	5,777	5,777	5,777	5,520	181	39	0	0
Rate per 100 children	1,284	240	1,007	359	1,312	1,312	1,312	1,312	1,270	38	9.5	0.0	0.0
Total for 11th vaccine	6,651	1,300	5,134	1,816	5,984	5,984	5,984	5,877	5,734	182	39	1	0
Rate per 100 children	1,384	260	1,034	414	1,364	1,364	1,364	1,312	1,270	38	9.5	0.1	0.0
Age 17													
First vaccine	207	100	100	100	177	177	177	100	180	0	12	1	0
Rate per 100 children	100	100	100	100	85.5	85.5	85.5	100	85.1	0.0	5.8	0.4	0.0
Repeat first vaccine	6,227	1,200	5,027	1,800	5,504	5,504	5,504	5,504	5,504	181	10	0	0
Rate per 100 children	1,282	240	1,005	412	1,254	1,254	1,254	1,254	1,254	38	2.0	0.0	0.0
Total for 17th vaccine	6,434	1,300	5,127	1,900	5,681	5,681	5,681	5,604	5,684	182	10	1	0
Rate per 100 children	1,364	260	1,034	425	1,274	1,274	1,274	1,254	1,274	38	2.0	0.1	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tet.	Perl.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
15 - Brandon													
Age 1													
First Nations	53	32	32	32	1	1	1	48	32	2	0	0	0
Rate per 100 children		60.4	60.4	60.4	1.9	1.9	1.9	90.6	60.4	3.2	0.0	0.0	0.0
Non-First Nations	541	459	459	459	28	28	28	483	459	1	6	3	32
Rate per 100 children		84.8	84.8	84.8	5.2	5.2	5.2	89.1	84.8	0.2	1.1	0.6	5.9
Total for 1 year olds	594	491	491	491	29	29	29	531	491	1	6	3	32
Rate per 100 children		82.7	82.7	82.7	4.9	4.9	4.9	89.1	82.7	0.2	1.0	0.5	5.4
Age 2													
First Nations	57	22	22	22	37	37	37	35	22	0	0	0	0
Rate per 100 children		38.6	38.6	38.6	64.9	64.9	64.9	61.7	38.6	0.0	0.0	0.0	0.0
Non-First Nations	505	366	366	366	438	438	438	451	366	1	23	3	12
Rate per 100 children		72.5	72.5	72.5	86.7	86.7	86.7	89.3	72.5	0.2	4.6	0.6	2.4
Total for 2 year olds	562	388	388	388	475	475	475	486	388	1	23	3	12
Rate per 100 children		69.0	69.0	69.0	84.5	84.5	84.5	87.2	69.0	0.2	4.1	0.5	2.1
Age 7													
First Nations	55	32	32	32	48	54	54	53	37	0	0	0	0
Rate per 100 children		58.2	58.2	58.2	87.3	98.2	98.2	96.4	67.3	0.0	0.0	0.0	0.0
Non-First Nations	576	465	465	465	505	540	540	522	482	0	4	0	1
Rate per 100 children		80.7	80.7	80.7	87.7	94.1	94.1	90.6	83.7	0.0	0.7	0.0	0.2
Total for 7 year olds	631	497	497	494	553	594	594	575	519	0	4	0	1
Rate per 100 children		78.8	78.8	78.3	87.6	94.5	94.5	91.1	82.3	0.0	0.6	0.0	0.2
Age 11													
First Nations	45	26	26	26	35	45	45	45	23	0	0	0	0
Rate per 100 children		57.8	57.8	57.8	77.8	100.0	100.0	100.0	51.1	0.0	0.0	0.0	0.0
Non-First Nations	569	473	473	462	489	501	521	513	412	0	0	0	0
Rate per 100 children		83.1	83.1	81.2	85.8	88.0	91.6	90.0	72.4	0.0	0.0	0.0	0.0
Total for 11 year olds	614	499	499	488	523	546	566	557	435	0	0	0	0
Rate per 100 children		81.3	81.3	79.5	85.2	88.9	92.2	90.7	70.8	0.0	0.0	0.0	0.0
Age 17													
First Nations	39	11	11	15	27	27	29	23	0	0	0	0	0
Rate per 100 children		28.2	28.2	38.5	69.2	69.2	74.4	58.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	634	434	424	480	507	501	571	535	0	0	0	0	0
Rate per 100 children		68.5	66.9	75.7	79.8	79.0	90.1	84.4	0.0	0.0	0.0	0.0	0.0
Total for 17 year olds	673	445	435	495	534	528	600	560	0	0	0	0	0
Rate per 100 children		66.1	64.0	73.5	79.2	78.3	89.2	83.2	0.0	0.0	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tet.	Perit.	Measles	Mumps	Rubella	Polio	HIB	HbV	V ⁺	M	P
20 - North Eastman													
Age 1													
First Diphtheria	162	58	84	84	8	8	8	128	84	0	0	0	0
Rate per 100 children		35.8	51.9	51.9	4.9	4.9	4.9	74.1	51.9	0.0	0.0	0.0	0.0
Non-First Diphtheria	304	251	251	251	7	7	7	278	251	0	0	0	0
Rate per 100 children		82.6	82.6	82.6	2.3	2.3	2.3	91.8	82.6	0.0	0.0	0.0	2.6
Total for 1 year olds	466	335	335	335	15	15	15	306	335	0	0	0	0
Rate per 100 children		71.9	71.9	71.9	3.2	3.2	3.2	65.6	71.9	0.0	0.0	0.0	1.7
Age 2													
First Diphtheria	166	71	71	71	134	134	134	134	71	0	0	0	0
Rate per 100 children		42.8	42.8	42.8	80.7	80.7	80.7	80.7	42.8	0.0	0.0	0.0	0.0
Non-First Diphtheria	302	232	232	232	235	235	235	235	231	0	0	0	0
Rate per 100 children		76.8	76.8	76.8	94.4	94.4	94.4	94.4	76.5	0.0	0.0	0.0	1.0
Total for 2 year olds	468	335	335	335	419	419	419	419	304	0	0	0	0
Rate per 100 children		65.2	65.2	65.2	89.5	89.5	89.5	89.5	65.0	0.0	0.0	0.0	0.6
Age 7													
First Diphtheria	166	76	76	76	93	148	148	148	100	0	0	0	0
Rate per 100 children		45.8	45.8	45.8	56.0	89.2	89.2	89.2	60.2	0.0	0.0	0.0	0.0
Non-First Diphtheria	388	321	321	321	341	380	380	374	332	4	2	1	0
Rate per 100 children		82.7	82.7	82.7	87.9	97.9	97.9	96.4	85.6	1.0	0.5	0.3	0.0
Total for 7 year olds	554	397	397	397	434	528	528	522	432	4	2	1	0
Rate per 100 children		71.7	71.7	71.7	78.3	95.3	95.3	94.3	78.0	0.7	0.4	0.2	0.0
Age 11													
First Diphtheria	158	88	88	88	108	147	147	141	72	0	0	0	0
Rate per 100 children		55.7	55.7	55.7	68.3	92.4	92.4	89.2	45.6	0.0	0.0	0.0	0.0
Non-First Diphtheria	360	443	443	443	462	491	491	480	356	0	1	0	0
Rate per 100 children		123.0	123.0	123.0	128.3	136.4	136.4	133.9	99.2	0.0	0.3	0.0	0.0
Total for 11 year olds	518	531	531	531	570	638	638	621	428	0	1	0	0
Rate per 100 children		102.5	102.5	102.5	110.0	123.3	123.3	120.0	82.6	0.0	0.2	0.0	0.0
Age 17													
First Diphtheria	116	54	54	54	65	99	99	99	54	0	0	0	0
Rate per 100 children		46.5	46.5	46.5	56.0	85.4	85.4	85.4	46.5	0.0	0.0	0.0	0.0
Non-First Diphtheria	512	372	372	372	464	499	499	497	372	1	0	0	0
Rate per 100 children		72.7	72.7	72.7	90.6	97.5	97.5	97.1	72.7	0.2	0.0	0.0	0.0
Total for 17 year olds	628	426	426	426	519	598	598	596	426	1	0	0	0
Rate per 100 children		67.8	67.8	67.8	82.8	95.2	95.2	94.8	67.8	0.2	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tot.	Perl.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
25 - South Eastman													
Age 1													
First Nations	9	9	9	9	0	0	0	12	9	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	0.0	0.0	0.0	133.3	100.0	0.0	0.0	0.0	0.0
Non-First Nations	784	682	682	682	19	18	19	737	681	11	1	8	38
Rate per 100 children		87.0	87.0	87.0	2.4	2.3	2.4	94.0	86.9	1.4	0.1	1.0	4.8
Total for 1 year olds	793	691	691	691	19	18	19	749	690	11	1	8	38
Rate per 100 children		87.1	87.1	87.1	2.4	2.3	2.4	94.5	87.0	1.4	0.1	1.0	4.8
Age 2													
First Nations	5	5	5	5	5	5	5	5	5	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Non-First Nations	827	605	605	605	733	732	732	753	603	16	36	6	22
Rate per 100 children		73.2	73.2	73.2	88.6	88.5	88.5	91.1	72.8	1.9	4.4	0.7	2.7
Total for 2 year olds	832	610	610	610	738	737	737	758	608	16	36	6	22
Rate per 100 children		73.3	73.3	73.3	88.7	88.6	88.6	91.1	73.1	1.9	4.3	0.7	2.6
Age 7													
First Nations	5	6	6	6	4	7	7	8	7	0	0	0	0
Rate per 100 children		120.0	120.0	120.0	80.0	140.0	140.0	160.0	140.0	0.0	0.0	0.0	0.0
Non-First Nations	906	722	722	701	761	844	844	831	748	46	3	0	0
Rate per 100 children		79.7	79.7	77.4	84.0	93.2	93.2	91.7	82.6	5.1	0.3	0.0	0.0
Total for 7 year olds	911	728	728	707	765	851	851	839	755	46	3	0	0
Rate per 100 children		79.9	79.9	77.6	84.0	93.4	93.4	92.1	82.9	5.0	0.3	0.0	0.0
Age 11													
First Nations	1	3	3	3	1	3	3	3	2	1	0	0	0
Rate per 100 children		300.0	300.0	300.0	100.0	300.0	300.0	300.0	200.0	100.0	0.0	0.0	0.0
Non-First Nations	936	811	812	750	854	916	916	910	657	716	3	0	0
Rate per 100 children		86.6	86.9	80.1	91.2	97.9	97.9	97.2	70.2	75.9	0.3	0.0	0.0
Total for 11 year olds	937	814	815	753	855	919	919	913	659	717	3	0	0
Rate per 100 children		86.9	87.0	80.4	91.2	98.1	98.1	97.4	70.3	75.9	0.3	0.0	0.0
Age 17													
First Nations	6	0	0	1	3	5	6	3	0	0	0	0	0
Rate per 100 children		0.0	0.0	16.7	50.0	83.3	100.0	50.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	976	682	683	620	814	936	944	923	0	23	0	0	0
Rate per 100 children		69.9	70.0	63.5	83.4	95.9	96.7	94.6	0.0	2.4	0.0	0.0	0.0
Total for 17 year olds	982	682	683	621	817	941	950	926	0	23	0	0	0
Rate per 100 children		69.5	69.6	63.2	83.2	95.9	96.7	94.5	0.0	2.3	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tot.	Part.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
30 - Interlake													
Age 1													
First Nations	140	93	93	93	4	4	4	120	93	0	0	0	1
Rate per 100 children		66.4	66.4	66.4	2.9	2.9	2.9	85.7	66.4	0.0	0.0	0.0	0.7
Non-First Nations	645	552	552	551	14	14	14	619	549	2	1	2	28
Rate per 100 children		85.6	85.6	85.4	2.2	2.2	2.2	96.0	85.1	0.3	0.2	1.2	4.3
Total for 1 year olds	785	645	645	644	18	18	18	739	642	2	1	2	29
Rate per 100 children		82.2	82.2	82.0	2.3	2.3	2.3	94.1	81.8	0.3	0.1	1.0	3.7
Age 2													
First Nations	137	67	67	67	96	96	96	99	67	0	0	0	0
Rate per 100 children		48.9	48.9	48.9	71.5	71.5	71.5	72.3	48.9	0.0	0.0	0.0	0.0
Non-First Nations	698	529	529	529	625	623	625	637	526	1	30	4	11
Rate per 100 children		75.8	75.8	75.8	89.5	89.3	89.5	91.3	75.6	0.1	4.3	0.6	1.6
Total for 2 year olds	835	596	596	596	723	721	723	736	595	1	30	4	11
Rate per 100 children		71.4	71.4	71.4	86.6	86.3	86.6	88.1	71.3	0.1	3.6	0.5	1.3
Age 7													
First Nations	146	77	77	75	83	104	124	116	91	0	0	0	0
Rate per 100 children		52.7	52.7	51.4	56.8	84.9	84.9	79.5	62.3	0.0	0.0	0.0	0.0
Non-First Nations	858	709	709	679	719	825	825	805	750	4	6	3	0
Rate per 100 children		82.6	82.6	78.7	83.8	96.2	96.2	93.8	87.4	0.5	0.7	0.2	0.0
Total for 7 year olds	1,004	786	786	750	802	949	949	921	841	4	6	3	0
Rate per 100 children		78.3	78.3	74.7	79.9	94.5	94.5	91.7	83.8	0.4	0.6	0.2	0.0
Age 11													
First Nations	170	125	125	117	114	170	170	155	108	73	0	0	0
Rate per 100 children		73.5	73.5	68.8	67.1	100.0	100.0	90.9	63.5	42.9	0.0	0.0	0.0
Non-First Nations	943	796	796	744	819	897	897	880	666	730	3	2	0
Rate per 100 children		84.4	84.4	78.9	86.9	95.1	95.1	93.6	70.6	77.4	0.3	0.2	0.0
Total for 11 year olds	1,113	921	921	861	933	1,067	1,067	1,035	774	803	3	2	0
Rate per 100 children		82.7	82.7	77.4	83.8	95.9	95.9	93.0	69.5	72.1	0.3	0.2	0.0
Age 17													
First Nations	119	24	24	57	93	100	114	90	0	0	0	0	0
Rate per 100 children		20.2	20.2	47.9	69.7	84.0	95.8	75.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	1,051	774	775	722	930	1,003	1,036	985	0	27	0	0	0
Rate per 100 children		73.6	73.7	68.7	88.5	95.4	98.6	94.3	0.0	2.6	0.0	0.0	0.0
Total for 17 year olds	1,170	798	799	779	1,023	1,103	1,150	1,075	0	27	0	0	0
Rate per 100 children		68.2	68.3	66.6	86.6	94.3	96.3	92.1	0.0	2.3	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Location **January 1 - December 31, 2003**

	Pop	Diphth.	Tot.	Perf.	Measles	Mumps	Rubella	Polio	HIS	HBV	V	M	P
40 - Central													
Age 1													
First Nations	135	83	83	83	1	1	1	110	83	0	0	0	0
Rate per 100 children		61.5	61.5	61.5	0.7	0.7	0.7	81.5	61.5	0.0	0.0	0.0	0.0
Non-First Nations	1,265	1,004	1,004	1,004	17	17	17	1,081	1,002	13	0	4	19
Rate per 100 children		79.4	79.4	79.4	1.3	1.3	1.3	85.5	79.2	1.0	0.0	0.3	1.5
Total for 1 year olds	1,400	1,087	1,087	1,087	18	18	18	1,191	1,085	13	0	4	19
Rate per 100 children		77.6	77.6	77.6	1.3	1.3	1.3	85.1	77.5	0.9	0.0	0.3	1.4
Age 2													
First Nations	120	34	34	34	83	83	83	87	34	0	0	0	0
Rate per 100 children		28.3	28.3	28.3	69.2	69.2	69.2	72.5	28.3	0.0	0.0	0.0	0.0
Non-First Nations	1,295	938	938	937	1,111	1,110	1,110	1,141	923	32	32	6	17
Rate per 100 children		72.4	72.4	72.4	85.8	85.7	85.7	88.1	71.3	2.5	2.5	0.5	1.3
Total for 2 year olds	1,415	972	972	971	1,194	1,193	1,193	1,228	957	32	32	6	17
Rate per 100 children		68.7	68.7	68.6	84.4	84.3	84.3	86.8	67.6	2.3	2.3	0.4	1.2
Age 7													
First Nations	134	50	49	47	90	134	134	111	57	0	1	0	0
Rate per 100 children		37.3	36.6	35.1	67.2	100.0	100.0	82.8	42.5	0.0	0.7	0.0	0.0
Non-First Nations	1,330	1,100	1,100	1,081	1,155	1,271	1,271	1,259	1,133	38	15	0	0
Rate per 100 children		82.7	82.7	81.3	86.8	95.6	95.6	94.7	85.2	2.9	1.1	0.0	0.0
Total for 7 year olds	1,464	1,150	1,149	1,128	1,245	1,405	1,405	1,370	1,190	38	16	0	0
Rate per 100 children		78.6	78.5	77.0	85.0	96.0	96.0	93.6	81.3	2.6	1.1	0.0	0.0
Age 11													
First Nations	132	55	55	49	94	120	120	102	65	38	0	0	0
Rate per 100 children		41.7	41.7	37.1	71.2	90.9	90.9	77.3	49.2	28.8	0.0	0.0	0.0
Non-First Nations	1,462	1,315	1,315	1,346	1,360	1,451	1,451	1,439	1,114	1,102	0	1	0
Rate per 100 children		89.9	89.9	92.2	93.0	99.2	99.2	98.4	76.2	75.4	0.0	0.1	0.0
Total for 11 year olds	1,594	1,370	1,370	1,395	1,454	1,571	1,571	1,541	1,179	1,140	0	1	0
Rate per 100 children		85.9	85.9	81.2	91.2	98.6	98.6	96.7	74.0	71.5	0.0	0.1	0.0
Age 17													
First Nations	111	26	26	36	49	69	75	69	0	0	0	0	0
Rate per 100 children		23.4	23.4	32.4	44.1	62.2	67.6	61.3	0.0	0.0	0.0	0.0	0.0
Non-First Nations	1,554	1,163	1,166	1,236	1,380	1,502	1,505	1,491	0	59	2	1	0
Rate per 100 children		74.8	75.0	79.5	88.8	96.7	96.8	95.9	0.0	3.8	0.1	0.1	0.0
Total for 17 year olds	1,665	1,189	1,192	1,272	1,429	1,571	1,580	1,560	0	59	2	1	0
Rate per 100 children		71.4	71.6	76.4	85.8	94.4	94.9	93.6	0.0	3.5	0.1	0.1	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
45 - Assiniboine													
Age 1													
First Nations	74	58	58	58	2	2	2	73	58	0	0	0	0
Rate per 100 children		78.4	78.4	78.4	2.7	2.7	2.7	98.6	78.4	0.0	0.0	0.0	0.0
Non-First Nations	610	529	529	529	14	14	14	561	528	0	2	2	22
Rate per 100 children		86.7	86.7	86.7	2.3	2.3	2.3	92.0	86.6	0.0	0.3	0.3	3.6
Total for 1 year olds	684	587	587	587	16	16	16	634	586	0	2	2	22
Rate per 100 children		85.8	85.8	85.8	2.3	2.3	2.3	92.7	85.7	0.0	0.3	0.3	3.2
Age 2													
First Nations	75	37	37	37	51	51	51	51	37	0	0	0	0
Rate per 100 children		49.3	49.3	49.3	68.0	68.0	68.0	68.0	49.3	0.0	0.0	0.0	0.0
Non-First Nations	620	491	491	491	575	574	574	583	489	4	28	5	7
Rate per 100 children		79.2	79.2	79.2	92.7	92.6	92.6	94.0	78.9	0.6	4.5	0.8	1.1
Total for 2 year olds	695	528	528	528	626	625	625	634	526	4	28	5	7
Rate per 100 children		76.0	76.0	76.0	90.1	89.9	89.9	91.2	75.7	0.6	4.0	0.7	1.0
Age 7													
First Nations	75	39	39	38	34	72	72	66	51	0	1	0	0
Rate per 100 children		52.0	52.0	50.7	45.3	96.0	96.0	88.0	68.0	0.0	1.3	0.0	0.0
Non-First Nations	763	646	646	645	676	715	716	703	654	6	4	5	1
Rate per 100 children		84.7	84.7	84.5	88.6	93.7	93.8	92.1	85.7	0.8	0.5	0.8	0.1
Total for 7 year olds	838	685	685	683	710	787	788	769	705	6	5	6	1
Rate per 100 children		81.7	81.7	81.5	84.7	93.9	94.0	91.8	84.1	0.7	0.6	0.7	0.1
Age 11													
First Nations	89	63	63	62	64	92	92	81	76	58	1	1	0
Rate per 100 children		70.8	70.8	69.7	71.9	103.4	103.4	102.2	85.4	65.2	1.1	1.1	0.0
Non-First Nations	906	776	776	746	792	839	839	828	685	707	0	5	0
Rate per 100 children		85.7	85.7	82.3	87.4	92.6	92.6	91.4	75.6	78.0	0.0	0.6	0.0
Total for 11 year olds	995	839	839	808	856	931	931	919	761	765	1	6	0
Rate per 100 children		84.3	84.3	81.2	86.0	93.6	93.6	92.4	76.5	76.9	0.1	0.6	0.0
Age 17													
First Nations	71	12	12	28	42	48	57	43	0	1	0	0	0
Rate per 100 children		16.9	16.9	39.4	59.2	68.0	80.3	60.6	0.0	1.4	0.0	0.0	0.0
Non-First Nations	1,027	756	761	812	878	975	989	967	0	21	1	3	0
Rate per 100 children		73.6	74.1	79.1	85.5	94.9	96.3	94.2	0.0	2.0	0.1	0.3	0.0
Total for 17 year olds	1,098	768	773	840	920	1,024	1,046	1,010	0	22	1	3	0
Rate per 100 children		69.9	70.4	76.5	83.8	93.3	95.3	92.0	0.0	2.0	0.1	0.3	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tet.	PerL	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
60 - Parkland													
Age 1													
First Nations	91	57	57	57	1	1	1	77	57	0	0	0	0
Rate per 100 children		62.6	62.6	62.6	1.1	1.1	1.1	84.6	62.6	0.0	0.0	0.0	0.0
Non-First Nations	398	374	374	374	11	11	11	392	374	2	0	3	7
Rate per 100 children		94.0	94.0	94.0	2.8	2.8	2.8	98.5	94.0	0.5	0.0	0.8	1.8
Total for 1 year olds	489	431	431	431	12	12	12	469	431	2	0	3	7
Rate per 100 children		88.1	88.1	88.1	2.5	2.5	2.5	95.9	88.1	0.4	0.0	0.6	1.4
Age 2													
First Nations	88	60	60	60	88	88	88	89	59	0	0	0	0
Rate per 100 children		68.2	68.2	68.2	100.0	100.0	100.0	101.1	67.0	0.0	0.0	0.0	0.0
Non-First Nations	406	295	295	295	354	354	354	359	295	2	8	7	5
Rate per 100 children		72.7	72.7	72.7	87.2	87.2	87.2	88.4	72.7	0.5	2.0	1.7	1.2
Total for 2 year olds	494	355	355	355	442	442	442	448	354	2	8	7	5
Rate per 100 children		71.9	71.9	71.9	89.5	89.5	89.5	90.7	71.7	0.4	1.6	1.4	1.0
Age 7													
First Nations	88	72	71	71	79	87	87	86	74	0	0	0	0
Rate per 100 children		81.8	80.7	80.7	89.8	98.9	98.9	97.7	84.1	0.0	0.0	0.0	0.0
Non-First Nations	468	389	389	386	423	443	443	437	399	12	3	2	0
Rate per 100 children		83.1	83.1	82.5	90.4	94.7	94.7	93.4	85.3	2.6	0.6	0.4	0.0
Total for 7 year olds	556	461	460	457	502	530	530	523	473	12	3	2	0
Rate per 100 children		82.9	82.7	82.2	90.3	95.3	95.3	94.1	85.1	2.2	0.5	0.4	0.0
Age 11													
First Nations	102	88	88	86	93	100	100	100	60	81	0	0	0
Rate per 100 children		86.3	86.3	84.3	91.2	98.0	98.0	98.0	58.8	79.4	0.0	0.0	0.0
Non-First Nations	496	421	421	406	450	472	471	465	354	392	0	0	0
Rate per 100 children		84.9	84.9	81.9	90.7	95.2	95.0	93.8	71.4	79.0	0.0	0.0	0.0
Total for 11 year olds	598	509	509	492	543	572	571	565	414	473	0	0	0
Rate per 100 children		85.1	85.1	82.3	90.8	95.7	95.5	94.5	69.2	79.1	0.0	0.0	0.0
Age 17													
First Nations	72	31	30	57	61	69	69	67	0	1	0	0	0
Rate per 100 children		43.1	41.7	79.2	84.7	95.8	95.8	93.1	0.0	1.4	0.0	0.0	0.0
Non-First Nations	579	441	442	455	508	545	551	541	0	12	0	2	0
Rate per 100 children		76.2	76.3	83.8	87.7	94.1	95.2	93.4	0.0	2.1	0.0	0.3	0.0
Total for 17 year olds	651	472	472	542	569	614	620	608	0	13	0	2	0
Rate per 100 children		72.5	72.5	83.3	87.4	94.3	95.2	93.4	0.0	2.0	0.0	0.3	0.0

Childhood Immunization Coverage Data By Patient Location **January 1 - December 31, 2003**

	Pop	Diphth.	Tet.	Part.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
Age 1													
First Nations	166	190	120	180	9	9	9	150	120	0	0	0	0
Rate per 100 children	71.4	71.4	71.4	5.4	5.4	5.4	95.9	71.4	0.0	0.0	0.0	0.0	0.0
Non-First Nations	250	202	202	202	7	7	7	209	202	0	1	2	4
Rate per 100 children	80.0	80.8	80.8	2.8	2.8	2.8	83.6	80.8	0.0	0.4	0.5	1.6	1.6
Total for 1 year olds	416	392	322	382	16	16	16	359	322	0	1	2	4
Rate per 100 children	77.0	77.0	77.0	3.8	3.8	3.8	84.5	77.0	0.0	0.2	0.5	1.0	1.0
Age 2													
First Nations	177	59	39	39	142	142	142	139	59	0	0	0	0
Rate per 100 children	59.3	59.3	59.3	90.2	90.2	90.2	79.7	50.3	0.0	0.0	0.0	0.0	0.0
Non-First Nations	258	175	175	175	216	216	216	214	175	0	2	2	2
Rate per 100 children	67.8	67.8	67.8	93.7	93.7	93.7	83.3	67.8	0.0	0.8	0.8	0.8	0.8
Total for 2 year olds	435	234	214	214	358	358	358	353	234	0	2	2	2
Rate per 100 children	60.7	60.7	60.7	92.3	92.3	92.3	81.1	60.7	0.0	0.5	0.5	0.5	0.5
Age 7													
First Nations	147	110	110	110	120	144	144	136	121	0	0	0	0
Rate per 100 children	74.2	74.2	74.2	81.6	98.0	98.0	98.0	82.3	82.3	0.0	0.0	0.0	0.0
Non-First Nations	291	229	229	229	236	261	261	261	242	0	1	1	0
Rate per 100 children	81.1	81.1	81.1	84.0	90.0	90.0	90.0	86.1	82.7	0.0	0.4	0.4	0.0
Total for 7 year olds	438	339	339	339	356	405	405	397	363	0	1	1	0
Rate per 100 children	79.5	79.5	79.5	83.2	94.6	94.6	94.6	88.2	84.9	0.0	0.2	0.2	0.0
Age 11													
First Nations	139	109	109	109	117	132	132	132	94	0	0	0	0
Rate per 100 children	78.4	78.4	78.4	78.4	84.2	95.7	95.7	95.7	67.6	0.0	0.0	0.0	0.0
Non-First Nations	307	247	247	247	257	276	276	274	235	0	0	0	0
Rate per 100 children	80.5	80.5	80.5	80.5	83.7	90.0	89.9	89.3	76.6	0.0	0.0	0.0	0.0
Total for 11 year olds	446	356	356	356	374	408	408	406	329	0	0	0	0
Rate per 100 children	79.8	79.8	79.8	79.8	83.9	91.7	91.7	91.0	74.0	0.0	0.0	0.0	0.0
Age 17													
First Nations	114	88	88	88	72	88	107	88	1	0	0	0	0
Rate per 100 children	77.2	77.2	77.2	77.2	63.2	77.2	93.9	77.2	0.9	0.0	0.0	0.0	0.0
Non-First Nations	315	211	211	211	279	304	305	298	0	16	0	0	0
Rate per 100 children	67.0	67.0	67.0	67.0	88.6	96.5	96.5	95.7	0.0	5.1	0.0	0.0	0.0
Total for 17 year olds	429	299	299	299	351	392	412	406	1	16	0	0	0
Rate per 100 children	69.7	69.7	69.7	69.7	81.8	91.4	95.8	94.4	0.2	3.7	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Location **January 1 - December 31, 2003**

	Pop	Diphth.	Tot.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
80 - Burntwood													
Age 1													
First Nations	710	420	420	420	22	22	22	608	413	1	0	0	0
Rate per 100 children		59.2	59.2	59.2	3.1	3.1	3.1	85.6	58.2	0.1	0.0	0.0	0.0
Non-First Nations	274	217	217	217	13	13	13	244	217	4	0	0	5
Rate per 100 children		79.2	79.2	79.2	4.7	4.7	4.7	89.1	79.2	1.5	0.0	0.0	1.8
Total for 1 year olds	984	637	637	637	35	35	35	852	630	5	0	0	5
Rate per 100 children		64.7	64.7	64.7	3.6	3.6	3.6	86.6	64.0	0.5	0.0	0.0	0.5
Age 2													
First Nations	729	346	346	346	585	585	585	572	318	7	0	0	0
Rate per 100 children		47.5	47.5	47.5	80.2	80.2	80.2	78.4	43.6	1.0	0.0	0.0	0.0
Non-First Nations	312	210	210	210	275	275	275	273	206	6	7	0	3
Rate per 100 children		67.3	67.3	67.3	88.1	88.1	88.1	87.5	66.0	1.9	2.2	0.0	1.0
Total for 2 year olds	1,041	556	556	556	860	860	860	845	524	13	7	0	3
Rate per 100 children		53.4	53.4	53.4	82.6	82.6	82.6	81.2	50.3	1.2	0.7	0.0	0.3
Age 7													
First Nations	657	343	343	343	493	660	660	591	379	0	0	0	0
Rate per 100 children		52.2	52.2	51.6	75.0	100.5	100.5	90.0	57.7	0.0	0.0	0.0	0.0
Non-First Nations	307	240	250	246	274	314	314	309	259	5	0	0	1
Rate per 100 children		81.1	81.4	80.8	89.3	102.3	102.3	100.7	84.4	1.6	0.0	0.0	0.3
Total for 7 year olds	964	582	593	589	767	974	974	900	638	5	0	0	1
Rate per 100 children		61.4	61.5	60.9	79.6	101.0	101.0	93.4	66.2	0.5	0.0	0.0	0.1
Age 11													
First Nations	716	396	395	384	355	649	650	576	277	222	1	0	0
Rate per 100 children		55.3	55.2	53.6	49.6	90.6	90.8	80.7	38.7	31.0	0.1	0.0	0.0
Non-First Nations	309	221	221	213	230	272	272	267	188	188	1	0	0
Rate per 100 children		71.5	71.5	68.9	74.4	88.0	88.0	86.4	60.8	60.8	0.3	0.0	0.0
Total for 11 year olds	1,025	617	616	597	585	921	922	843	465	410	2	0	0
Rate per 100 children		60.2	60.1	58.2	57.1	89.9	90.0	82.4	45.4	39.9	0.2	0.0	0.0
Age 17													
First Nations	566	126	126	250	288	368	442	364	1	7	0	0	0
Rate per 100 children		22.3	22.3	44.2	50.9	65.0	78.1	64.3	0.2	1.2	0.0	0.0	0.0
Non-First Nations	298	167	167	183	251	270	281	264	0	4	0	0	0
Rate per 100 children		56.0	56.0	61.4	84.2	90.6	94.3	88.6	0.0	1.3	0.0	0.0	0.0
Total for 17 year olds	864	293	293	433	539	638	723	628	1	11	0	0	0
Rate per 100 children		33.9	33.9	50.1	62.4	73.9	83.7	72.7	0.1	1.3	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2003

	Pop	Diphth.	Tot.	Perl.	Measles	Mumps	Rubella	Polio	HIB	HSV	V	M	P
90 - Churchill													
Age 1													
First Nations	5	3	3	3	0	0	0	3	3	0	0	0	0
Rate per 100 children		60.0	60.0	60.0	0.0	0.0	0.0	60.0	60.0	0.0	0.0	0.0	0.0
Non-First Nations	17	16	16	16	1	1	1	16	16	0	0	0	1
Rate per 100 children		94.1	94.1	94.1	5.9	5.9	5.9	94.1	94.1	0.0	0.0	0.0	5.9
Total for 1 year olds	22	19	19	19	1	1	1	19	19	0	0	0	1
Rate per 100 children		86.4	86.4	86.4	4.5	4.5	4.5	86.4	86.4	0.0	0.0	0.0	4.5
Age 2													
First Nations	4	4	4	4	4	4	4	4	4	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Non-First Nations	17	11	11	11	14	14	14	15	11	0	1	0	1
Rate per 100 children		64.7	64.7	64.7	82.4	82.4	82.4	85.2	64.7	0.0	5.9	0.0	5.9
Total for 2 year olds	21	15	15	15	18	18	18	19	15	0	1	0	1
Rate per 100 children		71.4	71.4	71.4	85.7	85.7	85.7	90.5	71.4	0.0	4.8	0.0	4.8
Age 7													
First Nations	2	2	2	2	2	2	2	2	2	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Non-First Nations	16	16	16	16	16	15	18	16	17	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	112.5	112.5	112.5	106.3	0.0	0.0	0.0	0.0
Total for 7 year olds	18	18	18	18	18	20	20	20	19	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	111.1	111.1	111.1	105.6	0.0	0.0	0.0	0.0
Age 11													
First Nations	3	2	2	2	2	2	3	3	2	2	0	0	0
Rate per 100 children		66.7	66.7	66.7	66.7	100.0	100.0	100.0	66.7	66.7	0.0	0.0	0.0
Non-First Nations	16	12	12	12	8	13	13	13	9	10	0	0	0
Rate per 100 children		75.0	75.0	75.0	50.0	81.3	81.3	81.3	56.3	62.5	0.0	0.0	0.0
Total for 11 year olds	19	14	14	14	10	16	16	16	11	12	0	0	0
Rate per 100 children		73.7	73.7	73.7	52.6	84.2	84.2	84.2	57.9	63.2	0.0	0.0	0.0
Age 17													
First Nations	4	2	2	2	4	4	4	3	0	0	0	0	0
Rate per 100 children		50.0	50.0	75.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	10	4	4	4	4	6	6	6	0	0	0	0	0
Rate per 100 children		40.0	40.0	60.0	40.0	60.0	60.0	60.0	0.0	0.0	0.0	0.0	0.0
Total for 17 year olds	14	6	6	6	8	10	10	9	0	0	0	0	0
Rate per 100 children		42.9	42.9	64.3	57.1	71.4	71.4	64.3	0.0	0.0	0.0	0.0	0.0

4. Childhood Immunization Coverage Reports, January 1, 2003 - December 31, 2003

4.2 Coverage by Patient Age

■ By RHA

Notes:

These reports are the same data as in section 4.1, with summary data, by age, provided for each RHA.

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 1

	Pop.	Diphth.	Tet.	Port.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
First Nations	2,008	1,259	1,259	1,259	58	58	58	1,712	1,252	4	0	1	5
Rate per 100		62.7	62.7	62.7	2.9	2.9	2.9	85.3	62.4	0.2	0.0	0.0	0.2
Non-First Nations	11,771	9,949	9,949	9,931	300	298	298	10,785	9,922	84	38	177	844
Rate per 100		84.5	84.5	84.4	2.5	2.5	2.5	91.6	84.3	0.7	0.3	1.5	7.2
All Children	13,779	11,208	11,208	11,190	358	356	356	12,497	11,174	88	38	178	849
Rate per 100		81.3	81.3	81.2	2.6	2.6	2.6	90.7	84.3	0.6	0.3	1.3	6.2
10 - Winnipeg													
First Nations	461	300	300	300	10	10	10	385	300	3	0	1	4
Rate per 100		65.1	65.1	65.1	2.2	2.2	2.2	83.5	65.1	0.7	0.0	0.2	0.9
Non-First Nations	6,683	5,663	5,663	5,646	169	168	167	6,127	5,643	51	27	147	690
Rate per 100		84.7	84.7	84.5	2.5	2.5	2.5	91.7	84.4	0.8	0.4	2.2	10.2
All Children	7,144	5,963	5,963	5,946	179	178	177	6,512	5,943	54	27	148	694
Rate per 100		83.5	83.5	83.2	2.5	2.5	2.5	91.2	84.4	0.8	0.4	2.1	9.6
15 - Brandon													
First Nations	53	32	32	32	1	1	1	48	32	0	0	0	0
Rate per 100		60.4	60.4	60.4	1.9	1.9	1.9	90.6	60.4	0.0	0.0	0.0	0.0
Non-First Nations	541	459	459	459	28	28	28	493	459	1	6	3	32
Rate per 100		84.8	84.8	84.8	5.2	5.2	5.2	91.1	84.8	0.2	1.1	0.6	5.9
All Children	594	491	491	491	29	29	29	541	491	1	6	3	32
Rate per 100		82.7	82.7	82.7	4.9	4.9	4.9	91.1	84.8	0.2	1.0	0.5	5.4
20 - North Eastman													
First Nations	162	84	84	84	8	8	8	120	84	0	0	0	0
Rate per 100		51.9	51.9	51.9	4.9	4.9	4.9	74.1	51.9	0.0	0.0	0.0	0.0
Non-First Nations	304	251	251	251	7	7	7	276	251	0	0	0	8
Rate per 100		82.6	82.6	82.6	2.3	2.3	2.3	90.8	82.6	0.0	0.0	0.0	2.6
All Children	466	335	335	335	15	15	15	396	335	0	0	0	8
Rate per 100		71.9	71.9	71.9	3.2	3.2	3.2	85.0	82.6	0.0	0.0	0.0	1.7
25 - South Eastman													
First Nations	9	9	9	9	0	0	0	12	9	0	0	0	0
Rate per 100		100.0	100.0	100.0	0.0	0.0	0.0	133.3	100.0	0.0	0.0	0.0	0.0
Non-First Nations	784	682	682	682	19	19	19	737	681	11	1	8	38
Rate per 100		87.0	87.0	87.0	2.4	2.3	2.4	94.0	86.9	1.4	0.1	1.0	4.8
All Children	793	691	691	691	19	19	19	749	690	11	1	8	38
Rate per 100		87.1	87.1	87.1	2.4	2.3	2.4	94.5	86.9	1.4	0.1	1.0	4.8
30 - Interlake													
First Nations	140	93	93	93	4	4	4	120	93	0	0	0	1
Rate per 100		66.4	66.4	66.4	2.9	2.9	2.9	85.7	66.4	0.0	0.0	0.0	0.7
Non-First Nations	645	552	552	551	14	14	14	619	549	2	1	8	28
Rate per 100		85.6	85.6	85.4	2.2	2.2	2.2	96.0	85.1	0.3	0.2	1.2	4.3
All Children	785	645	645	644	18	18	18	739	642	2	1	8	29
Rate per 100		82.2	82.2	82.0	2.3	2.3	2.3	94.1	85.1	0.3	0.1	1.0	3.7
40 - Central													
First Nations	135	83	83	83	1	1	1	110	83	0	0	0	0
Rate per 100		61.5	61.5	61.5	0.7	0.7	0.7	81.5	61.5	0.0	0.0	0.0	0.0
Non-First Nations	1,265	1,004	1,004	1,004	17	17	17	1,081	1,002	13	0	4	19
Rate per 100		79.4	79.4	79.4	1.3	1.3	1.3	85.5	79.2	1.0	0.0	0.3	1.5
All Children	1,400	1,087	1,087	1,087	18	18	18	1,191	1,085	13	0	4	19
Rate per 100		77.6	77.6	77.6	1.3	1.3	1.3	85.1	79.2	0.9	0.0	0.3	1.4

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 1

	Pop	Diphth.	Tot.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
45 - Assiniboine													
First Nations	74	58	59	59	2	2	2	73	59	0	0	0	0
Rate per 100		78.4	78.4	78.4	2.7	2.7	2.7	98.6	78.4	0.0	0.0	0.0	0.0
Non-First Nations	610	529	529	529	14	14	14	561	528	3	2	2	22
Rate per 100		86.7	86.7	86.7	2.3	2.3	2.3	92.0	86.6	0.5	0.3	0.3	3.6
All Children	684	587	587	587	16	16	16	634	586	3	2	2	22
Rate per 100		85.8	85.8	85.8	2.3	2.3	2.3	92.7	86.6	0.4	0.3	0.3	3.2
60 - Parkland													
First Nations	91	57	57	57	1	1	1	77	57	0	0	0	0
Rate per 100		62.6	62.6	62.6	1.1	1.1	1.1	84.6	62.6	0.0	0.0	0.0	0.0
Non-First Nations	398	374	374	374	11	11	11	380	374	8	0	0	7
Rate per 100		94.0	94.0	94.0	2.8	2.8	2.8	95.5	94.0	2.0	0.0	0.0	1.8
All Children	489	431	431	431	12	12	12	457	431	8	0	0	7
Rate per 100		88.1	88.1	88.1	2.5	2.5	2.5	93.5	94.0	1.6	0.0	0.0	1.4
70 - Norman													
First Nations	169	120	120	120	9	9	9	150	120	0	0	0	0
Rate per 100		71.4	71.4	71.4	5.4	5.4	5.4	88.2	71.4	0.0	0.0	0.0	0.0
Non-First Nations	250	202	202	202	7	7	7	230	202	0	1	2	4
Rate per 100		80.8	80.8	80.8	2.8	2.8	2.8	92.0	80.8	0.0	0.4	0.8	1.6
All Children	418	322	322	322	16	16	16	380	322	0	1	2	4
Rate per 100		77.0	77.0	77.0	3.8	3.8	3.8	90.5	80.8	0.2	0.2	0.5	1.0
80 - Burntwood													
First Nations	710	420	420	420	22	22	22	666	413	1	0	0	0
Rate per 100		59.2	59.2	59.2	3.1	3.1	3.1	93.8	58.2	0.1	0.0	0.0	0.0
Non-First Nations	274	217	217	217	13	13	13	244	217	4	0	0	5
Rate per 100		79.2	79.2	79.2	4.7	4.7	4.7	89.1	79.2	1.5	0.0	0.0	1.8
All Children	984	637	637	637	35	35	35	910	630	5	0	0	5
Rate per 100		64.7	64.7	64.7	3.6	3.6	3.6	91.6	79.2	0.5	0.0	0.0	0.5
90 - Churchill													
First Nations	5	2	2	2	0	0	0	2	2	0	0	0	0
Rate per 100		40.0	40.0	40.0	0.0	0.0	0.0	40.0	40.0	0.0	0.0	0.0	0.0
Non-First Nations	17	16	16	16	1	1	1	16	16	0	0	0	1
Rate per 100		94.1	94.1	94.1	5.9	5.9	5.9	94.1	94.1	0.0	0.0	0.0	5.9
All Children	22	18	18	18	1	1	1	18	18	0	0	0	1
Rate per 100		81.8	81.8	81.8	4.5	4.5	4.5	81.8	94.1	0.0	0.0	0.0	4.5

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 2

	Pop	Diphth.	Tot.	Perf.	Measles	Mumps	Rubella	Polio	HB	HBV	V	M	P
MANITOBA													
Total population	12,005	487	487	405	7,591	1,000	5,091	1,000	935	100	4	0	0
Male pop (%)		48.2	48.2	48.2	75.9	75.9	75.9	75.9	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	14,214	9,487	9,487	1,000	17,591	2,000	15,091	2,000	14,365	100	576	111	442
Male pop (%)		48.2	48.2	48.2	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
10 - Winnipeg													
Total population	447	100	100	100	354	100	354	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	75.9	75.9	75.9	75.9	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	14,116	9,487	9,487	1,000	17,591	2,000	15,091	2,000	14,365	100	576	111	442
Male pop (%)		48.2	48.2	48.2	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
15 - Brandon													
Total population	77	100	100	100	52	100	52	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	58	100	100	100	475	100	475	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
20 - North Eastman													
Total population	180	100	100	100	104	100	104	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	480	100	100	100	410	100	410	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
25 - South Eastman													
Total population	5	100	100	100	5	100	5	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	332	100	100	100	100	100	100	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
30 - Interlake													
Total population	127	100	100	100	96	100	96	100	67	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	355	100	100	100	100	100	100	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
40 - Central													
Total population	180	100	100	100	104	100	104	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	1,415	100	100	100	1,004	100	1,004	100	607	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
45 - Assiniboine													
Total population	75	100	100	100	67	100	67	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	332	100	100	100	100	100	100	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
60 - Parkland													
Total population	100	100	100	100	100	100	100	100	100	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0
Non-resident children	12,209	5,000	5,000	1,000	10,000	1,000	10,000	1,000	5,000	100	572	111	442
Resident pop (%)		41.0	41.0	41.0	82.1	82.1	82.1	82.1	72.5	100	3.1	0.0	0.7
All Children	1,415	100	100	100	1,004	100	1,004	100	607	100	4	0	0
Male pop (%)		48.2	48.2	48.2	84.0	84.0	84.0	84.0	46.7	100	3.5	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 2

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HB	HBV	V	M	P
70 - Norman													
First Nations	177	88	88	88	142	142	142	129	89	3	0	0	0
Rate per 100		50.3	50.3	50.3	80.2	80.2	80.2	73.9	50.3	1.7	0.0	0.0	0.0
Non-First Nations	258	175	175	175	216	216	216	214	175	3	3	2	2
Rate per 100		67.8	67.8	67.8	83.7	83.7	83.7	86.8	67.8	1.2	0.8	0.8	0.8
All Children	435	264	264	264	358	358	358	352	264	3	3	2	2
Rate per 100		60.7	60.7	60.7	82.3	82.3	82.3	81.1	67.8	1.7	0.5	0.5	0.5
80 - Burntwood													
First Nations	729	346	346	346	585	585	585	579	318	7	0	0	0
Rate per 100		47.5	47.5	47.5	80.2	80.2	80.2	79.4	43.6	1.0	0.0	0.0	0.0
Non-First Nations	912	210	210	210	275	275	275	275	206	6	7	0	0
Rate per 100		67.3	67.3	67.3	88.1	88.1	88.1	87.5	66.0	1.3	2.2	0.0	1.0
All Children	1,041	556	556	556	860	860	860	854	524	13	7	0	0
Rate per 100		53.4	53.4	53.4	82.6	82.6	82.6	81.3	66.0	1.2	0.7	0.0	0.3
90 - Churchill													
First Nations	4	4	4	4	4	4	4	4	4	0	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Non-First Nations	17	11	11	11	14	14	14	15	11	0	1	0	1
Rate per 100		64.7	64.7	64.7	82.4	82.4	82.4	88.2	64.7	0.0	5.9	0.0	5.9
All Children	21	15	15	15	18	18	18	19	15	0	1	0	1
Rate per 100		71.4	71.4	71.4	85.7	85.7	85.7	90.5	64.7	0.0	4.8	0.0	4.8

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 7

	Pop	Diphth.	Td	PerL	Measles	Mumps	Rubella	Polio	HB	HBV	V	M	P
MANITOBA													
Total Population	1,877	1,088	1,038	1,221	1,308	1,317	1,318	1,375	1,218	4	2	2	0
Rate per 100		58.0	55.3	64.4	69.4	68.0	68.9	68.0	64.8	0.2	0.1	0.0	0.0
Non-First Nations	12,828	71,094	10,094	10,210	11,203	10,346	12,841	13,476	11,352	386	185	69	13
Rate per 100		70.8	78.5	75.6	82.2	74.3	94.2	91.5	83.3	3.0	1.4	0.6	0.1
All Children	15,505	11,712	11,730	11,221	12,505	11,662	14,859	14,151	12,570	390	187	79	13
Rate per 100		75.7	75.7	72.5	80.7	74.3	94.5	91.5	83.3	2.5	1.2	0.5	0.1
10 - Winnipeg													
Total Population	452	221	221	249	250	260	280	267	298	4	0	0	0
Rate per 100		57.8	57.5	62.2	62.2	65.4	68.0	64.9	74.4	0.9	0.0	0.0	0.0
Non-First Nations	7,725	5,080	5,948	5,984	6,087	7,227	7,227	7,227	6,296	181	147	15	10
Rate per 100		70.0	75.6	71.0	78.8	81.4	85.4	85.4	81.9	2.3	1.9	0.2	0.1
All Children	8,137	5,291	6,070	6,703	6,763	8,612	7,612	7,612	6,625	185	147	15	10
Rate per 100		74.7	74.7	71.1	78.1	81.5	83.6	81.5	81.3	2.3	1.8	0.2	0.1
15 - Brandon													
Total Population	55	30	30	30	48	54	54	50	37	0	0	0	0
Rate per 100		54.5	56.2	56.2	87.3	80.0	80.0	74.1	67.3	0.0	0.0	0.0	0.0
Non-First Nations	576	405	405	405	595	541	541	595	482	0	0	0	0
Rate per 100		70.3	68.7	68.7	103.3	94.5	94.5	103.3	81.7	0.0	0.0	0.0	0.0
All Children	631	405	405	405	595	595	595	595	519	0	0	0	0
Rate per 100		70.3	70.3	70.3	94.3	94.3	94.3	94.3	82.4	0.0	0.0	0.0	0.0
20 - North Eastman													
Total Population	150	70	70	70	83	80	148	148	100	0	0	0	0
Rate per 100		46.7	46.7	46.7	55.3	53.3	85.2	85.2	66.7	0.0	0.0	0.0	0.0
Non-First Nations	388	207	207	207	341	341	388	388	322	0	0	0	0
Rate per 100		53.3	53.3	53.3	87.9	87.9	97.4	97.4	82.8	0.0	0.0	0.0	0.0
All Children	554	297	297	297	404	404	528	528	422	0	0	0	0
Rate per 100		71.7	71.7	71.7	72.9	72.9	95.3	95.3	85.6	0.0	0.0	0.0	0.0
25 - South Eastman													
Total Population	80	30	30	30	4	4	4	4	4	0	0	0	0
Rate per 100		37.5	37.5	37.5	5.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0
Non-First Nations	908	210	210	210	781	781	781	781	748	0	0	0	0
Rate per 100		23.1	23.1	23.1	86.0	86.0	86.0	86.0	82.4	0.0	0.0	0.0	0.0
All Children	978	210	210	210	781	781	781	781	756	0	0	0	0
Rate per 100		21.5	21.5	21.5	80.0	80.0	80.0	80.0	77.3	0.0	0.0	0.0	0.0
30 - Interlake													
Total Population	140	17	77	77	83	104	124	110	93	0	0	0	0
Rate per 100		12.1	55.0	55.0	59.3	74.3	84.7	78.6	76.6	0.0	0.0	0.0	0.0
Non-First Nations	888	700	700	700	719	700	700	700	700	0	0	0	0
Rate per 100		77.8	77.8	77.8	79.8	77.8	77.8	77.8	77.8	0.0	0.0	0.0	0.0
All Children	1,024	700	700	700	700	700	700	700	700	0	0	0	0
Rate per 100		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	0.0	0.0	0.0	0.0
40 - Central													
Total Population	134	30	40	47	80	104	134	134	37	0	0	0	0
Rate per 100		22.4	29.9	35.1	59.7	77.6	100.0	100.0	27.6	0.0	0.0	0.0	0.0
Non-First Nations	1,028	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0	0	0
Rate per 100		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	0.0	0.0	0.0	0.0
All Children	1,484	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0	0	0
Rate per 100		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	0.0	0.0	0.0	0.0
45 - Assiniboine													
Total Population	70	0	0	0	0	0	0	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	700	0	0	0	0	0	0	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All Children	800	0	0	0	0	0	0	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50 - Parkland													
Total Population	100	0	0	0	0	0	0	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	800	0	0	0	0	0	0	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All Children	900	0	0	0	0	0	0	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 7

	Pcp	Diphth.	Tet.	Part.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
First Nations	147	110	110	110	120	144	144	135	121	0	0	0	0
Rate per 100		74.8	74.8	74.8	81.6	98.0	98.0	91.8	82.3	0.0	0.0	0.0	0.0
Non-First Nations	281	228	228	228	236	261	261	260	242	2	1	1	0
Rate per 100		81.1	81.1	81.1	84.0	92.9	92.9	92.5	86.1	0.7	0.4	0.4	0.0
All Children	428	338	338	338	356	405	405	395	363	2	1	1	0
Rate per 100		79.0	79.0	79.0	83.2	94.6	94.6	92.3	85.1	0.5	0.2	0.2	0.0
80 - Burntwood													
First Nations	657	343	343	339	493	660	660	591	379	0	0	0	0
Rate per 100		52.2	52.2	51.6	75.0	100.5	100.5	90.0	57.7	0.0	0.0	0.0	0.0
Non-First Nations	307	249	250	248	274	314	314	309	259	5	0	0	1
Rate per 100		81.1	81.4	80.8	89.3	102.3	102.3	100.7	84.4	1.6	0.0	0.0	0.3
All Children	964	592	593	587	767	974	974	900	638	5	0	0	1
Rate per 100		61.4	61.5	60.9	79.6	101.0	101.0	93.4	64.4	0.5	0.0	0.0	0.1
90 - Churchill													
First Nations	2	2	2	2	2	2	2	2	2	0	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Non-First Nations	16	16	16	16	16	18	18	18	17	0	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	112.5	112.5	112.5	106.3	0.0	0.0	0.0	0.0
All Children	18	18	18	18	18	20	20	20	19	0	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	111.1	111.1	111.1	106.3	0.0	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 11

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
First Nations	1,370	1,251	1,251	1,194	1,290	1,159	1,860	1,718	895	358	2	1	0
Rate per 100		83.8	83.5	86.0	85.5	84.4	94.4	85.2	50.0	43.6	0.1	0.1	0.0
Non-First Nations	14,678	12,374	12,375	11,807	12,797	10,881	13,819	13,572	10,148	10,811	47	19	2
Rate per 100		84.2	84.2	79.1	87.2	74.2	94.1	92.5	69.1	73.7	0.3	0.1	0.0
All Children	16,048	13,625	13,626	12,997	14,087	12,040	15,679	15,290	11,131	11,169	49	20	2
Rate per 100		81.9	81.9	76.8	84.6	74.2	94.2	93.3	69.1	70.1	0.3	0.1	0.0
10 - Winnipeg													
First Nations	417	290	290	264	307	267	397	357	216	919	0	0	0
Rate per 100		69.6	69.6	63.1	73.6	64.2	95.2	85.2	51.8	46.5	0.0	0.0	0.0
Non-First Nations	8,234	6,958	6,962	6,379	7,077	5,881	7,880	7,501	5,520	5,941	39	9	2
Rate per 100		83.3	83.3	77.3	85.9	70.0	93.3	91.1	67.0	72.2	0.5	0.1	0.0
All Children	8,651	7,148	7,149	6,643	7,384	6,148	8,277	7,858	5,736	6,160	39	9	2
Rate per 100		82.6	82.6	76.2	85.4	70.4	93.4	91.2	67.0	71.2	0.5	0.1	0.0
15 - Brandon													
First Nations	45	38	38	36	35	48	45	46	28	20	0	0	0
Rate per 100		84.4	84.4	80.0	77.8	106.7	100.0	102.2	62.2	44.4	0.0	0.0	0.0
Non-First Nations	589	473	473	408	488	521	521	512	412	438	0	0	0
Rate per 100		80.1	80.1	69.2	82.8	88.3	91.6	91.6	69.1	74.4	0.0	0.0	0.0
All Children	614	499	499	444	523	569	566	558	435	458	0	0	0
Rate per 100		81.3	81.3	72.3	85.2	92.2	92.2	91.7	70.8	74.6	0.0	0.0	0.0
20 - North Eastman													
First Nations	156	99	99	91	108	147	147	141	72	58	0	0	0
Rate per 100		63.5	63.5	58.3	69.2	94.2	94.2	90.4	46.2	37.2	0.0	0.0	0.0
Non-First Nations	500	443	443	405	482	482	482	482	356	360	1	1	0
Rate per 100		88.6	88.6	81.0	96.4	96.4	96.4	96.4	71.2	72.0	0.2	0.2	0.0
All Children	656	541	542	496	590	629	629	623	428	418	1	1	0
Rate per 100		82.3	82.3	75.6	89.9	95.6	95.6	94.7	65.4	63.8	0.2	0.2	0.0
25 - South Eastman													
First Nations	1	0	0	0	1	0	0	0	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	936	811	812	750	834	818	818	818	657	716	3	6	0
Rate per 100		86.6	86.6	80.1	89.1	88.3	88.3	88.3	70.2	77.6	0.3	0.6	0.0
All Children	937	811	812	750	835	818	818	818	657	716	3	6	0
Rate per 100		86.6	86.6	80.1	89.1	88.3	88.3	88.3	70.2	77.6	0.3	0.6	0.0
30 - Interlake													
First Nations	170	125	125	117	114	170	170	168	108	72	0	0	0
Rate per 100		73.5	73.5	68.8	67.1	100.0	100.0	98.8	63.5	42.4	0.0	0.0	0.0
Non-First Nations	943	796	796	744	813	827	827	821	666	710	3	3	0
Rate per 100		84.4	84.4	78.9	86.2	87.7	87.7	87.0	70.6	75.4	0.3	0.3	0.0
All Children	1,113	921	921	861	927	997	997	989	774	782	3	3	0
Rate per 100		82.7	82.7	77.4	81.3	89.6	89.6	88.9	69.5	70.3	0.3	0.3	0.0
40 - Central													
First Nations	132	55	55	49	34	132	132	132	65	30	0	0	0
Rate per 100		41.7	41.7	37.1	25.8	100.0	100.0	100.0	49.2	22.7	0.0	0.0	0.0
Non-First Nations	1,482	1,214	1,215	1,090	1,360	1,401	1,451	1,430	1,114	1,100	0	1	0
Rate per 100		81.9	81.9	73.6	91.8	94.6	96.6	94.4	75.2	74.3	0.0	0.1	0.0
All Children	1,614	1,269	1,270	1,139	1,454	1,533	1,583	1,562	1,179	1,130	0	1	0
Rate per 100		78.6	78.6	70.5	90.1	95.0	99.4	97.5	73.1	69.3	0.0	0.1	0.0
45 - Assiniboine													
First Nations	59	32	32	27	64	59	92	57	76	40	1	1	0
Rate per 100		54.1	54.1	45.8	108.5	100.0	154.4	96.8	128.8	67.8	1.7	1.7	0.0
Non-First Nations	926	776	776	740	790	808	808	808	655	674	0	0	0
Rate per 100		83.7	83.7	80.0	85.3	87.3	87.3	87.3	70.6	72.8	0.0	0.0	0.0
All Children	985	808	808	767	854	867	867	865	731	714	1	1	0
Rate per 100		82.0	82.0	77.8	86.7	88.0	88.0	87.8	74.2	72.3	0.1	0.1	0.0
50 - Parkland													
First Nations	102	66	66	66	60	102	102	102	60	31	0	0	0
Rate per 100		64.7	64.7	64.7	58.8	100.0	100.0	100.0	58.8	30.4	0.0	0.0	0.0
Non-First Nations	498	427	427	400	450	470	471	469	354	360	0	0	0
Rate per 100		85.7	85.7	80.3	90.4	96.2	96.2	95.8	71.1	72.3	0.0	0.0	0.0
All Children	599	503	503	466	540	572	571	571	414	391	0	0	0
Rate per 100		84.1	84.1	77.8	90.2	95.5	95.3	95.3	69.0	65.3	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 11

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
First Nations	139	109	109	109	117	133	133	130	84	86	0	0	0
Rate per 100		78.4	78.4	78.4	84.2	95.7	95.7	93.5	60.4	61.9	0.0	0.0	0.0
Non-First Nations	307	247	247	240	257	276	276	274	205	233	0	1	0
Rate per 100		80.5	80.5	78.2	83.7	89.9	89.9	89.3	66.8	75.9	0.0	0.3	0.0
All Children	446	356	356	349	374	409	409	404	289	319	0	1	0
Rate per 100		79.8	79.8	78.3	83.9	91.7	91.7	90.6	66.8	71.5	0.0	0.2	0.0
80 - Burntwood													
First Nations	716	396	395	384	355	649	650	578	277	222	1	0	0
Rate per 100		55.3	55.2	53.6	49.6	90.6	90.8	80.7	38.7	31.0	0.1	0.0	0.0
Non-First Nations	309	221	221	213	230	272	272	267	168	186	1	0	0
Rate per 100		71.5	71.5	68.9	74.4	88.0	88.0	86.4	54.4	60.2	0.3	0.0	0.0
All Children	1,025	617	616	597	585	921	922	845	445	408	2	0	0
Rate per 100		60.2	60.1	58.2	57.1	89.9	90.0	82.4	54.4	39.8	0.2	0.0	0.0
90 - Churchill													
First Nations	3	2	2	2	2	3	3	3	2	2	0	0	0
Rate per 100		66.7	66.7	66.7	66.7	100.0	100.0	100.0	66.7	66.7	0.0	0.0	0.0
Non-First Nations	16	12	12	12	8	13	13	13	9	10	0	0	0
Rate per 100		75.0	75.0	75.0	50.0	81.3	81.3	81.3	56.3	62.5	0.0	0.0	0.0
All Children	19	14	14	14	10	16	16	16	11	12	0	0	0
Rate per 100		73.7	73.7	73.7	52.6	84.2	84.2	84.2	56.3	63.2	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 17

	Pop	Diphth.	Tet.	PerT.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
First Nations	1,525	356	357	678	871	1,100	1,278	1,025	2	24	0	0	0
Rate per 100		23.3	23.4	44.5	57.1	72.1	83.8	67.2	0.1	1.6	0.0	0.0	0.0
Non-First Nations	15,183	9,771	9,797	9,993	12,539	13,783	14,272	13,541	3	549	19	11	0
Rate per 100		64.4	64.5	65.8	82.6	90.8	94.0	89.2	0.0	3.6	0.1	0.1	0.0
All Children	16,708	10,127	10,154	10,671	13,410	14,883	15,550	14,566	5	564	19	11	0
Rate per 100		60.6	60.8	63.9	80.3	89.1	93.1	87.2	0.0	3.4	0.1	0.1	0.0
10 - Winnipeg													
First Nations	307	62	62	121	177	232	276	196	0	8	0	0	0
Rate per 100		20.2	20.2	39.4	57.7	75.6	89.9	63.8	0.0	2.6	0.0	0.0	0.0
Non-First Nations	8,227	4,777	4,792	4,921	6,534	7,205	7,583	7,050	2	357	16	5	0
Rate per 100		58.1	58.2	59.8	79.4	87.6	92.2	85.7	0.0	4.3	0.2	0.1	0.0
All Children	8,534	4,839	4,854	5,042	6,711	7,437	7,859	7,246	2	365	16	5	0
Rate per 100		56.7	56.9	59.1	78.6	87.1	92.1	84.9	0.0	4.3	0.2	0.1	0.0
15 - Brandon													
First Nations	39	11	11	15	27	27	29	33	0	8	0	0	0
Rate per 100		28.2	28.2	38.5	69.2	69.2	74.4	59.0	0.0	20.0	0.0	0.0	0.0
Non-First Nations	634	424	424	420	507	551	571	535	0	3	0	0	0
Rate per 100		66.9	66.9	66.2	80.0	86.9	90.1	84.4	0.0	0.5	0.0	0.0	0.0
All Children	673	435	435	435	534	578	600	568	0	3	0	0	0
Rate per 100		64.6	64.6	64.6	79.3	85.9	89.2	82.9	0.0	0.5	0.0	0.0	0.0
20 - North Eastman													
First Nations	116	24	26	46	65	89	99	82	0	4	0	0	0
Rate per 100		20.7	22.4	39.7	56.0	76.7	85.3	78.7	0.0	3.4	0.0	0.0	0.0
Non-First Nations	512	372	372	358	454	498	501	487	1	13	0	0	0
Rate per 100		72.7	72.7	69.9	88.7	96.9	97.9	95.1	0.2	2.5	0.0	0.0	0.0
All Children	628	396	398	404	519	585	600	569	1	17	0	0	0
Rate per 100		63.1	63.4	64.3	82.6	93.2	95.5	90.6	0.2	2.7	0.0	0.0	0.0
25 - South Eastman													
First Nations	6	0	0	1	3	5	6	3	0	0	0	0	0
Rate per 100		0.0	0.0	16.7	50.0	83.3	100.0	50.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	976	682	683	620	814	936	944	923	0	23	0	0	0
Rate per 100		69.9	70.0	63.5	83.4	95.9	96.7	94.6	0.0	2.4	0.0	0.0	0.0
All Children	982	682	683	621	817	941	950	926	0	23	0	0	0
Rate per 100		69.5	69.6	63.2	83.2	95.2	96.7	94.3	0.0	2.4	0.0	0.0	0.0
30 - Interlake													
First Nations	119	24	24	57	83	100	114	90	0	0	0	0	0
Rate per 100		20.2	20.2	47.9	69.7	84.0	95.6	75.6	0.0	0.0	0.0	0.0	0.0
Non-First Nations	1,051	774	775	722	930	1,033	1,036	986	0	27	0	0	0
Rate per 100		73.6	73.7	68.7	88.5	98.2	98.6	94.0	0.0	2.6	0.0	0.0	0.0
All Children	1,170	798	799	779	1,013	1,133	1,150	1,076	0	27	0	0	0
Rate per 100		68.2	68.3	66.6	86.6	96.8	98.3	92.1	0.0	2.3	0.0	0.0	0.0
40 - Central													
First Nations	111	26	26	30	49	89	75	88	0	0	0	0	0
Rate per 100		23.4	23.4	27.0	44.1	80.2	67.6	81.3	0.0	0.0	0.0	0.0	0.0
Non-First Nations	1,554	1,161	1,166	1,290	1,380	1,532	1,505	1,491	0	59	2	1	0
Rate per 100		74.8	75.0	83.0	88.8	98.7	96.9	95.9	0.0	3.8	0.1	0.1	0.0
All Children	1,665	1,187	1,192	1,320	1,429	1,621	1,580	1,579	0	59	2	1	0
Rate per 100		71.4	71.6	79.4	85.9	97.4	94.9	94.6	0.0	3.5	0.1	0.1	0.0
45 - Assiniboine													
First Nations	71	12	12	18	42	49	57	43	0	1	0	0	0
Rate per 100		16.9	16.9	25.4	59.2	69.0	80.3	60.6	0.0	1.4	0.0	0.0	0.0
Non-First Nations	1,027	798	781	812	978	975	989	967	0	31	1	0	0
Rate per 100		77.8	76.1	79.1	95.5	94.9	96.3	94.2	0.0	3.0	0.1	0.0	0.0
All Children	1,098	810	793	830	1,020	1,024	1,046	1,010	0	32	1	0	0
Rate per 100		73.9	72.4	75.6	93.8	93.3	95.3	92.0	0.0	2.9	0.1	0.0	0.0
60 - Parkland													
First Nations	72	21	20	31	51	59	69	57	0	0	0	0	0
Rate per 100		29.2	27.8	43.1	70.8	82.1	95.8	77.8	0.0	0.0	0.0	0.0	0.0
Non-First Nations	579	441	442	435	508	545	551	541	0	13	0	0	0
Rate per 100		76.2	76.3	75.1	87.7	94.1	95.2	93.4	0.0	2.3	0.0	0.0	0.0
All Children	651	462	462	466	559	604	600	598	0	13	0	0	0
Rate per 100		70.9	70.9	71.6	86.0	92.8	91.7	91.4	0.0	2.0	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2003

Age 17

	Pop	Diphth.	Tet.	PerL	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
First Nations	114	38	38	64	72	88	107	86	1	3	0	0	0
Rate per 100		33.3	33.3	56.1	63.2	77.2	93.9	75.4	0.9	2.6	0.0	0.0	0.0
Non-First Nations	315	211	211	230	279	294	305	289	0	16	0	0	0
Rate per 100		67.0	67.0	73.0	88.6	93.3	96.8	91.7	0.0	5.1	0.0	0.0	0.0
All Children	429	249	249	294	351	382	412	375	1	19	0	0	0
Rate per 100		58.0	58.0	68.5	81.8	89.0	96.0	87.4	0.0	4.4	0.0	0.0	0.0
80 - Burntwood													
First Nations	566	126	126	250	288	368	442	364	1	7	0	0	0
Rate per 100		22.3	22.3	44.2	50.9	65.0	78.1	64.3	0.2	1.2	0.0	0.0	0.0
Non-First Nations	298	167	167	183	251	270	281	264	0	4	0	0	0
Rate per 100		56.0	56.0	61.4	84.2	90.6	94.3	88.6	0.0	1.3	0.0	0.0	0.0
All Children	864	293	293	433	539	638	723	628	1	11	0	0	0
Rate per 100		33.9	33.9	50.1	62.4	73.8	83.7	72.7	0.0	1.3	0.0	0.0	0.0
90 - Churchill													
First Nations	4	2	2	3	4	4	4	3	0	0	0	0	0
Rate per 100		50.0	50.0	75.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	10	4	4	6	4	6	6	6	0	0	0	0	0
Rate per 100		40.0	40.0	60.0	40.0	60.0	60.0	60.0	0.0	0.0	0.0	0.0	0.0
All Children	14	6	6	9	8	10	10	9	0	0	0	0	0
Rate per 100		42.9	42.9	64.3	57.1	71.4	71.4	64.3	0.0	0.0	0.0	0.0	0.0

4. Childhood Immunization Coverage Reports, January 1, 2003 – December 31, 2003

4.3 Coverage Based on Health Registration – Per Cent Complete for Age

- Manitoba
- By RHA

Notes:

A client considered "Complete for Age" has received all of the recommended doses of each vaccine recommended for his / her age. For vaccines considered in "Complete for Age" see Section 2, "Description of Criteria for MIMS Annual Reports."

Continuous Health Registration – reflects clients who have been registered with Manitoba Health for benefits, without interruption, since birth. Non-Continuous Health Registration – reflects clients who, if born in Manitoba moved out for a period and then returned, or clients who were born outside of Manitoba and moved into the province (i.e., interrupted health benefit registration).

Coverage rate calculation methods allow for rates which may exceed 100%, particularly when populations are small. This is because the population (i.e., denominator) is assigned using June 2003 data, while the MIMS data are from April 16, 2004.

Childhood Immunization Coverage Report Based on Health Registration January 1 - December 31, 2003

					Continuous Health Registration			Non-Continuous Health Registration		
Age		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
Manitoba										
1	First Nations	2,008	1,252	62.4	1,990	1,247	62.7	18	5	27.8
	Non-First Nations	11,771	9,913	84.2	11,334	9,715	85.7	437	198	45.3
	All 1 Year Olds	13,779	11,165	81.0	13,324	10,962	82.3	455	203	44.6
2	First Nations	2,005	889	44.3	1,970	865	44.9	35	4	11.4
	Non-First Nations	12,209	8,660	70.9	11,321	8,412	74.3	888	248	27.9
	All 2 Year Olds	14,214	9,549	67.2	13,291	9,297	69.9	923	252	27.3
7	First Nations	1,877	869	46.3	1,799	852	47.4	78	17	21.8
	Non-First Nations	13,628	9,710	71.3	11,453	8,981	78.4	2,175	729	33.5
	All 7 Year Olds	15,505	10,579	68.2	13,252	9,833	74.2	2,253	746	33.1
11	First Nations	1,970	911	46.2	1,841	867	47.1	129	44	34.1
	Non-First Nations	14,678	11,276	76.8	11,819	9,944	84.1	2,859	1,332	46.6
	All 11 Year Olds	16,648	12,187	73.2	13,660	10,811	79.1	2,988	1,376	46.1
17	First Nations	1,525	280	18.4	1,387	257	18.5	138	23	16.7
	Non-First Nations	15,183	7,783	51.3	11,495	6,778	59.0	3,688	1,005	27.3
	All 17 Year Olds	16,708	8,063	48.3	12,882	7,035	54.6	3,826	1,028	26.9
10 - Winnipeg										
1	First Nations	461	300	65.1	451	297	65.9	10	3	30.0
	Non-First Nations	6,683	5,637	84.3	6,439	5,582	86.7	244	55	22.5
	All 1 Year Olds	7,144	5,937	83.1	6,890	5,879	85.3	254	58	22.8
2	First Nations	447	214	47.9	435	212	48.7	12	2	16.7
	Non-First Nations	6,969	4,894	70.2	6,478	4,819	74.4	491	75	15.3
	All 2 Year Olds	7,416	5,108	68.9	6,913	5,031	72.8	503	77	15.3
7	First Nations	402	190	47.3	369	184	49.9	33	6	18.2
	Non-First Nations	7,735	5,190	67.1	6,465	4,872	75.4	1,270	318	25.0
	All 7 Year Olds	8,137	5,380	66.1	6,834	5,056	74.0	1,303	324	24.9
11	First Nations	417	222	53.2	370	207	55.9	47	15	31.9
	Non-First Nations	8,234	6,215	75.5	6,587	5,496	83.4	1,647	719	43.7
	All 11 Year Olds	8,651	6,437	74.4	6,957	5,703	82.0	1,694	734	43.3
17	First Nations	307	44	14.3	261	35	13.4	46	9	19.6
	Non-First Nations	8,227	3,647	44.3	6,005	3,116	51.9	2,222	531	23.9
	All 17 Year Olds	8,534	3,691	43.3	6,266	3,151	50.3	2,268	540	23.8

Childhood Immunization Coverage Report Based on Health Registration

January 1 - December 31, 2003

Age					Continuous Health Registration			Non-Continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
15 - Brandon										
1	First Nations	53	32	60.4	53	32	60.4	0	0	0.0
	Non-First Nations	541	459	84.8	509	442	86.8	32	17	53.1
	All 1 Year Olds	594	491	82.7	562	474	84.3	32	17	53.1
2	First Nations	57	22	38.6	55	22	40.0	2	0	0.0
	Non-First Nations	505	380	71.3	456	347	76.1	49	13	26.5
	All 2 Year Olds	562	382	68.0	511	369	72.2	51	13	25.5
7	First Nations	55	31	56.4	51	30	58.8	4	1	25.0
	Non-First Nations	576	456	79.2	461	389	84.4	115	67	58.3
	All 7 Year Olds	631	487	77.2	512	419	81.8	119	68	57.1
11	First Nations	45	19	42.2	42	18	42.9	3	1	33.3
	Non-First Nations	589	449	76.9	419	373	89.0	150	76	50.7
	All 11 Year Olds	614	468	76.2	461	391	84.8	153	77	50.3
17	First Nations	39	11	28.2	33	9	27.3	6	2	33.3
	Non-First Nations	634	353	55.7	476	313	65.8	158	40	25.3
	All 17 Year Olds	673	364	54.1	509	322	63.3	164	42	25.6
20 - North Eastman										
1	First Nations	162	84	51.9	162	84	51.9	0	0	0.0
	Non-First Nations	304	250	82.2	293	247	84.3	11	3	27.3
	All 1 Year Olds	466	334	71.7	455	331	72.7	11	3	27.3
2	First Nations	166	68	41.0	164	67	40.9	2	1	50.0
	Non-First Nations	302	228	75.5	295	225	76.3	7	3	42.9
	All 2 Year Olds	468	296	63.2	459	292	63.6	9	4	44.4
7	First Nations	166	62	37.3	161	62	38.5	5	0	0.0
	Non-First Nations	388	281	72.4	341	252	73.9	47	29	61.7
	All 7 Year Olds	554	343	61.9	502	314	62.5	52	29	55.8
11	First Nations	156	78	50.0	153	77	50.3	3	1	33.3
	Non-First Nations	500	400	80.0	421	351	83.4	79	49	62.0
	All 11 Year Olds	656	478	72.9	574	428	74.6	82	50	61.0
17	First Nations	116	20	17.2	110	19	17.3	6	1	16.7
	Non-First Nations	512	286	55.9	429	247	57.6	83	39	47.0
	All 17 Year Olds	628	306	48.7	539	266	49.4	89	40	44.9
25 - South Eastman										
1	First Nations	9	9	100.0	9	9	100.0	0	0	0.0
	Non-First Nations	784	681	86.9	754	648	85.9	30	33	110.0
	All 1 Year Olds	793	690	87.0	763	657	86.1	30	33	110.0
2	First Nations	5	5	100.0	5	5	100.0	0	0	0.0
	Non-First Nations	827	595	71.9	756	556	73.5	71	39	54.9
	All 2 Year Olds	832	600	72.1	761	561	73.7	71	39	54.9
7	First Nations	5	3	60.0	4	3	75.0	1	0	0.0
	Non-First Nations	906	664	73.3	728	593	81.5	178	71	39.9
	All 7 Year Olds	911	667	73.2	732	596	81.4	179	71	39.7
11	First Nations	1	1	100.0	1	1	100.0	0	0	0.0
	Non-First Nations	936	734	78.4	730	625	85.7	206	99	48.1
	All 11 Year Olds	937	735	78.4	731	626	85.7	206	99	48.1
17	First Nations	8	0	0.0	4	0	0.0	2	0	0.0
	Non-First Nations	976	490	50.2	735	434	59.0	241	56	23.2
	All 17 Year Olds	982	490	49.9	739	434	58.7	243	56	23.0
30 - Interlake										
1	First Nations	140	92	66.4	139	92	66.2	1	1	100.0
	Non-First Nations	645	545	84.5	631	529	83.8	14	9	64.3
	All 1 Year Olds	785	641	81.7	770	631	81.9	15	10	66.7
2	First Nations	137	63	45.9	136	63	46.3	1	0	0.0
	Non-First Nations	698	510	73.1	667	504	75.6	31	6	19.4
	All 2 Year Olds	835	573	68.6	803	567	70.6	32	6	18.8
7	First Nations	146	60	41.1	141	58	41.1	5	2	40.0
	Non-First Nations	858	636	74.1	779	610	78.3	79	26	32.9
	All 7 Year Olds	1,004	696	69.3	920	668	72.6	84	28	33.3
11	First Nations	170	81	47.6	160	79	49.4	10	2	20.0
	Non-First Nations	943	709	75.2	819	659	80.5	124	50	40.3
	All 11 Year Olds	1,113	790	71.0	979	738	75.4	134	52	38.8
17	First Nations	119	18	15.1	114	18	15.8	5	0	0.0
	Non-First Nations	1,051	591	56.2	876	538	61.4	175	53	30.3
	All 17 Year Olds	1,170	609	52.1	990	556	56.2	180	53	29.4

Childhood Immunization Coverage Report Based on Health Registration **January 1 - December 31, 2003**

Age					Continuous Health Registration			Non-Continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
40 - Central										
1	First Nations	135	83	61.5	133	83	62.4	2	0	0.0
	Non-First Nations	1,265	1,002	79.2	1,216	977	80.3	49	25	51.0
	All 1 Year Olds	1,400	1,085	77.5	1,349	1,060	78.6	51	25	49.0
2	First Nations	120	33	27.5	118	33	28.0	2	0	0.0
	Non-First Nations	1,295	914	70.6	1,184	858	72.5	111	56	50.5
	All 2 Year Olds	1,415	947	66.9	1,302	891	68.4	113	56	49.6
7	First Nations	134	43	32.1	133	43	32.3	1	0	0.0
	Non-First Nations	1,330	1,025	77.1	1,117	929	83.2	213	96	45.1
	All 7 Year Olds	1,464	1,068	73.0	1,250	972	77.8	214	96	44.9
11	First Nations	132	42	31.8	126	39	31.0	6	3	50.0
	Non-First Nations	1,462	1,220	83.4	1,173	1,064	90.7	289	156	54.0
	All 11 Year Olds	1,594	1,262	79.2	1,299	1,103	84.9	295	159	53.9
17	First Nations	111	18	16.2	102	18	17.6	9	0	0.0
	Non-First Nations	1,554	1,028	66.2	1,232	919	74.6	322	109	33.9
	All 17 Year Olds	1,665	1,046	62.8	1,334	937	70.2	331	109	32.9
45 - Assiniboine										
1	First Nations	74	58	78.4	73	57	78.1	1	1	100.0
	Non-First Nations	610	528	86.6	586	506	86.3	24	22	91.7
	All 1 Year Olds	684	586	85.7	659	563	85.4	25	23	92.0
2	First Nations	75	34	45.3	72	34	47.2	3	0	0.0
	Non-First Nations	620	482	77.7	577	467	80.9	43	15	34.9
	All 2 Year Olds	695	516	74.2	649	501	77.2	46	15	32.6
7	First Nations	75	23	30.7	66	22	33.3	9	1	11.1
	Non-First Nations	763	623	81.7	646	575	89.0	117	48	41.0
	All 7 Year Olds	838	646	77.1	712	597	83.8	126	49	38.9
11	First Nations	89	54	60.7	71	46	64.8	18	8	44.4
	Non-First Nations	906	727	80.2	766	665	86.8	140	62	44.3
	All 11 Year Olds	995	781	78.5	837	711	84.9	158	70	44.3
17	First Nations	71	11	15.5	56	11	19.6	15	0	0.0
	Non-First Nations	1,027	640	62.3	837	590	70.5	190	50	26.3
	All 17 Year Olds	1,098	651	59.3	893	601	67.3	205	50	24.4
60 - Parkland										
1	First Nations	91	57	62.6	91	57	62.6	0	0	0.0
	Non-First Nations	398	374	94.0	381	354	92.9	17	20	117.6
	All 1 Year Olds	489	431	88.1	472	411	87.1	17	20	117.6
2	First Nations	88	58	65.9	86	58	67.4	2	0	0.0
	Non-First Nations	406	295	72.7	373	272	72.9	33	23	69.7
	All 2 Year Olds	494	353	71.5	459	330	71.9	35	23	65.7
7	First Nations	88	66	75.0	85	64	75.3	3	2	66.7
	Non-First Nations	468	372	79.5	394	335	85.0	74	37	50.0
	All 7 Year Olds	556	438	78.8	479	399	83.3	77	39	50.6
11	First Nations	102	83	81.4	90	79	87.8	12	4	33.3
	Non-First Nations	496	394	79.4	394	343	87.1	102	51	50.0
	All 11 Year Olds	598	477	79.8	484	422	87.2	114	55	48.2
17	First Nations	72	24	33.3	63	19	30.2	9	5	55.6
	Non-First Nations	579	412	71.2	456	353	77.4	123	59	48.0
	All 17 Year Olds	651	436	67.0	519	372	71.7	132	64	48.5
70 - Norman										
1	First Nations	168	120	71.4	166	120	72.3	2	0	0.0
	Non-First Nations	250	201	80.4	244	197	80.7	6	4	66.7
	All 1 Year Olds	418	321	76.8	410	317	77.3	8	4	50.0
2	First Nations	177	87	49.2	172	87	50.6	5	0	0.0
	Non-First Nations	258	170	65.9	236	160	67.8	22	10	45.5
	All 2 Year Olds	435	257	59.1	408	247	60.5	27	10	37.0
7	First Nations	147	105	71.4	140	103	73.6	7	2	28.6
	Non-First Nations	281	221	78.6	234	198	84.6	47	23	48.9
	All 7 Year Olds	428	326	76.2	374	301	80.5	54	25	46.3
11	First Nations	139	100	71.9	128	94	73.4	11	6	54.5
	Non-First Nations	307	232	75.6	236	184	78.0	71	48	67.6
	All 11 Year Olds	446	332	74.4	364	278	76.4	82	54	65.9
17	First Nations	114	33	28.9	99	30	30.3	15	3	20.0
	Non-First Nations	315	190	60.3	218	151	69.3	97	39	40.2
	All 17 Year Olds	429	223	52.0	317	181	57.1	112	42	37.5

Childhood Immunization Coverage Report Based on Health Registration **January 1 - December 31, 2003**

Age					Continuous Health Registration			Non-Continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
80 - Burntwood										
1	First Nations	710	413	58.2	708	413	58.3	2	0	0.0
	Non-First Nations	274	217	79.2	266	209	78.6	8	8	100.0
	All 1 year Olds	984	630	64.0	974	622	63.9	10	8	80.0
2	First Nations	729	301	41.3	723	300	41.5	6	1	16.7
	Non-First Nations	312	292	93.9	285	194	68.1	27	6	29.6
	All 2 year Olds	1,041	593	56.9	1,008	494	49.0	33	7	27.3
7	First Nations	657	294	44.8	647	281	43.4	10	3	30.0
	Non-First Nations	307	326	106.2	275	213	77.5	32	13	40.6
	All 7 year Olds	964	620	64.3	922	494	53.6	42	16	38.1
11	First Nations	716	229	32.0	697	225	32.3	19	4	21.1
	Non-First Nations	309	188	60.8	263	169	64.3	46	19	41.3
	All 11 year Olds	1,025	417	40.7	960	394	41.0	65	23	35.4
17	First Nations	566	99	17.5	542	96	17.7	24	3	12.5
	Non-First Nations	298	144	48.3	227	117	51.5	71	27	38.0
	All 17 year Olds	864	243	28.1	769	213	27.7	95	30	31.6
90 - Churchill										
1	First Nations	5	3	60.0	5	3	60.0	0	0	0.0
	Non-First Nations	17	16	94.1	15	14	93.3	2	2	100.0
	All 1 year Olds	22	19	86.4	20	17	85.0	2	2	100.0
2	First Nations	4	4	100.0	4	4	100.0	0	0	0.0
	Non-First Nations	17	10	58.8	14	10	71.4	3	0	0.0
	All 2 year Olds	21	14	66.7	18	14	77.8	3	0	0.0
7	First Nations	2	2	100.0	2	2	100.0	0	0	0.0
	Non-First Nations	16	16	100.0	13	15	115.0	3	1	33.3
	All 7 year Olds	18	18	100.0	15	17	113.0	3	1	33.3
11	First Nations	3	2	66.7	3	2	66.7	0	0	0.0
	Non-First Nations	16	6	37.5	11	5	45.5	5	2	40.0
	All 11 year Olds	19	8	42.1	14	7	50.0	5	2	40.0
17	First Nations	4	2	50.0	3	2	66.7	1	0	0.0
	Non-First Nations	10	2	20.0	4	0	0.0	6	2	33.3
	All 17 year Olds	14	4	28.6	7	2	28.6	7	2	28.6

5. Childhood Vaccine Doses Administered, by Provider Type, by Provider Location, January 1, 2003 – December 31, 2003

■ Manitoba

■ By RHA

Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2003 – December 31, 2003, as entered into MIMS by April 16, 2004.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2003

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
MANITOBA											
Public Health Nurse											
First Nations	910	3,765	364	2,006	2,639	143	3	83	0	0	
Non-First Nations	3,148	9,567	7,708	6,112	34,309	587	42	1,297	49	158	
Total for Public Health Nurse	4,058	13,332	8,072	8,118	36,948	730	45	1,380	49	158	72,890
Percentage of Doses Administered											48.8%
Physician											
First Nations	183	1,487	32	573	40	2	9	0	5	17	
Non-First Nations	6,977	32,492	1,022	16,136	1,950	819	1,921	93	1,676	4,301	
Total for Physician	7,160	33,979	1,054	16,709	1,990	821	1,930	93	1,681	4,318	69,735
Percentage of Doses Administered											46.7%
First Nation/Tribal Council											
First Nations	223	1,201	57	529	917	0	0	33	0	0	
Non-First Nations	51	296	13	118	166	0	0	4	0	0	
Total for First Nation/Tribal Council	274	1,497	70	647	1,083	0	0	37	0	0	3,608
Percentage of Doses Administered											2.4%
Other											
First Nations	81	350	120	194	104	0	1	3	0	0	
Non-First Nations	188	648	494	360	389	30	16	18	7	30	
Total for Other	269	998	614	554	493	30	17	21	7	30	3,033
Percentage of Doses Administered											2.0%
Total for MANITOBA	11,761	49,806	9,810	26,028	40,514	1,581	1,992	1,531	1,737	4,506	149,266
10 - Winnipeg											
Public Health Nurse											
First Nations	11	4	53	27	628	0	0	0	0	0	
Non-First Nations	115	63	4,318	234	18,529	182	2	18	0	0	
Total for Public Health Nurse	126	67	4,371	261	19,157	182	2	18	0	0	24,184
Percentage of Doses Administered											28.5%
Physician											
First Nations	147	1,172	27	458	38	2	7	0	3	12	
Non-First Nations	5,714	26,507	908	13,349	1,893	768	1,761	89	1,600	3,952	
Total for Physician	5,861	27,679	935	13,807	1,931	770	1,768	89	1,603	3,964	58,407
Percentage of Doses Administered											68.8%
Other											
First Nations	78	324	74	174	94	0	1	3	0	0	
Non-First Nations	144	502	305	255	298	14	10	15	0	13	
Total for Other	222	826	379	429	392	14	11	18	0	13	2,304
Percentage of Doses Administered											2.7%
Total for 10 - Winnipeg	6,209	28,572	5,685	14,497	21,480	966	1,781	125	1,603	3,977	64,895

NOTE: "Other" providers include facilities, primary care providers, private health care providers, pharmacies, and other unknown providers.

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2003

Provider	DaPT	DaPT/ Hib	Td	MMR	MMV	HEPA/B	V	Tdap	M	P	Total Doses
15 - Brandon											
Public Health Nurse											
First Nations	19	71	0	44	70	0	0	0	0	0	
Non-First Nations	146	460	11	104	1,391	10	0	0	0	0	
Total for Public Health Nurse	165	531	11	148	1,461	10	0	0	0	0	3,093
Percentage of Doses Administered											47.0%
Physician											
First Nations	10	107	0	40	10	0	0	0	1	1	
Non-First Nations	346	1,700	21	701	10	0	0	0	55	0	
Total for Physician	356	1,807	21	741	20	0	0	0	56	1	2,405
Percentage of Doses Administered											52.4%
Other											
First Nations	0	1	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	0	0	1	0	0	0	0	0	
Total for Other	0	1	0	0	1	0	0	0	0	0	1
Percentage of Doses Administered											0.0%
Total for 15 - Brandon	521	1,339	32	889	1,481	10	0	0	56	1	5,500
20 - North Eastman											
Public Health Nurse											
First Nations	70	241	47	100	180	0	0	0	0	0	
Non-First Nations	157	580	204	400	1,200	0	0	0	0	0	
Total for Public Health Nurse	227	821	251	500	1,380	0	0	0	0	0	3,108
Percentage of Doses Administered											40.4%
Physician											
First Nations	0	0	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	0	0	0	0	0	0	0	0	
Total for Physician	0	0	0	0	0	0	0	0	0	0	0
Percentage of Doses Administered											0.0%
First Nation/Tribal Council											
First Nations	0	0	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	0	0	0	0	0	0	0	0	
Total for First Nation/Tribal Council	0	0	0	0	0	0	0	0	0	0	0
Percentage of Doses Administered											0.0%
Other											
First Nations	0	0	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	0	0	0	0	0	0	0	0	
Total for Other	0	0	0	0	0	0	0	0	0	0	0
Percentage of Doses Administered											0.0%
Total for 20 - North Eastman	227	821	251	500	1,380	0	0	0	0	0	3,108
25 - South Eastman											
Public Health Nurse											
First Nations	10	70	0	0	0	0	0	0	0	0	
Non-First Nations	225	800	800	400	0	0	0	0	0	0	
Total for Public Health Nurse	235	870	800	400	0	0	0	0	0	0	4,270
Percentage of Doses Administered											51.0%
Physician											
First Nations	1	0	0	0	0	0	0	0	0	0	
Non-First Nations	201	1,000	24	70	0	0	0	0	0	0	
Total for Physician	202	1,000	24	70	0	0	0	0	0	0	2,770
Percentage of Doses Administered											32.5%
Other											
First Nations	0	0	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	0	0	0	0	0	0	0	0	
Total for Other	0	0	0	0	0	0	0	0	0	0	0
Percentage of Doses Administered											0.0%
Total for 25 - South Eastman	437	1,870	824	470	0	0	0	0	0	0	7,040

NOTE: Doses administered by providers in the 15 - Brandon, 20 - North Eastman, and 25 - South Eastman health regions are included in the totals for the 15 - Brandon, 20 - North Eastman, and 25 - South Eastman health regions.

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2003

Provider	DaPTP	DaPTP/ HIS	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
30 - Interlake											
Public Health Nurse											
First Nations	41	255	22	44	143	51	0	1	0	0	
Non-First Nations	150	457	675	204	2,255	45	0	7	3	5	
Total for Public Health Nurse	191	692	700	248	2,408	96	0	8	3	5	4,480
Percentage of Doses Administered											71.9%
Physician											
First Nations	1	25	0	0	0	0	0	0	0	0	
Non-First Nations	191	640	31	414	20	5	4	41	7	13	
Total for Physician	192	665	31	414	20	5	4	41	7	13	7,660
Percentage of Doses Administered											26.9%
First Nation/Tribal Council											
First Nations	1	27	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	0	0	0	0	0	0	0	0	
Total for First Nation/Tribal Council	1	27	0	0	0	0	0	0	0	0	25
Percentage of Doses Administered											0.4%
Other											
First Nations	0	0	0	0	0	0	0	0	0	0	
Non-First Nations	0	0	43	0	2	1	0	0	0	0	
Total for Other	0	0	43	0	2	1	0	0	0	0	52
Percentage of Doses Administered											0.6%
Total for 30 - Interlake	384	1,382	780	662	2,430	101	4	49	10	18	6,204
40 - Central											
Public Health Nurse											
First Nations	55	107	19	75	128	0	0	0	0	0	
Non-First Nations	515	2,714	731	1,507	3,595	10	1	507	11	9	
Total for Public Health Nurse	570	2,821	750	1,582	3,723	10	1	507	11	9	10,353
Percentage of Doses Administered											83.9%
Physician											
First Nations	17	142	0	40	15	0	0	0	1	0	
Non-First Nations	201	1,500	15	94	5	0	16	0	9	10	
Total for Physician	218	1,642	15	134	20	0	16	0	10	10	1,005
Percentage of Doses Administered											15.6%
Other											
First Nations	0	0	55	0	0	0	0	0	0	0	
Non-First Nations	0	0	26	0	0	0	0	0	0	0	
Total for Other	0	0	81	0	0	0	0	0	0	0	51
Percentage of Doses Administered											0.4%
Total for 40 - Central	1,119	4,463	817	2,547	3,729	10	17	507	10	9	12,369

NOTE: "Other" providers include the other primary and physicians who are not listed under the other categories.

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2003

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
45 - Assiniboine											
Public Health Nurse											
First Nations	16	16	16	16	97	1	1	1	1	1	
Non-First Nations	819	1,973	270	1,071	2,100	14	29	444	10	11	
Total for Public Health Nurse	835	1,989	286	1,087	2,197	15	30	445	11	12	6,432
Percentage of Doses Administered											91.7%
Physician											
First Nations	58	116	5	116	4	1	5	1	1	1	
Total for Physician	58	116	5	116	4	1	5	1	1	1	502
Percentage of Doses Administered											7.3%
First Nation/Tribal Council											
First Nations	6	6	3	6	2	1	1	1	1	1	
Total for First Nation/Tribal Council	6	6	3	6	2	1	1	1	1	1	6
Percentage of Doses Administered											0.1%
Other											
First Nations	1	1	0	1	0	1	1	1	1	1	
Non-First Nations	1	1	10	1	1	1	1	1	1	1	
Total for Other	2	2	10	2	1	2	2	2	2	2	27
Percentage of Doses Administered											0.4%
Total for all - Assiniboine	795	1,997	310	1,277	2,202	17	38	450	13	15	7,299
60 - Parkland											
Public Health Nurse											
First Nations	73	146	40	146	107	1	1	1	1	1	
Non-First Nations	364	1,746	421	1,691	1,376	14	1	74	1	1	
Total for Public Health Nurse	437	1,892	461	1,837	1,483	15	2	75	2	2	4,982
Percentage of Doses Administered											88.7%
Physician											
First Nations	10	20	2	10	10	1	1	1	1	1	
Non-First Nations	57	114	3	57	3	1	1	1	1	1	
Total for Physician	67	134	5	67	13	2	2	2	2	2	595
Percentage of Doses Administered											11.3%
First Nation/Tribal Council											
First Nations	10	10	1	1	1	1	1	1	1	1	
Non-First Nations	10	10	1	1	1	1	1	1	1	1	
Total for First Nation/Tribal Council	20	20	2	2	2	2	2	2	2	2	2
Percentage of Doses Administered											0.1%
Other											
First Nations	10	10	1	1	1	1	1	1	1	1	
Non-First Nations	10	10	1	1	1	1	1	1	1	1	
Total for Other	20	20	2	2	2	2	2	2	2	2	27
Percentage of Doses Administered											0.4%
Total for all - Parkland	494	1,996	469	1,849	1,498	19	5	80	4	4	5,999

DaPTP - Diphtheria, Pertussis, Tetanus; HBV - Hepatitis B Virus; HEPA/B - Hepatitis A and B; V - Varicella; TdaP - Tetanus, Diphtheria, and Pertussis; M - Meningococcal; P - Polio

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2003

Provider	DaPT	DaPT/ HB	Td	MMR	HBV	HEPA/B	V	Tdap	M	P	Total Doses
70 - Norman											
Public Health Nurse											
First Nations	119	600	52	369	333	3	0	0	0	0	
Non-First Nations	250	979	218	521	833	34	1	1	1	11	
Total for Public Health Nurse	369	1,580	270	890	1,166	37	1	1	1	11	4,266
Percentage of Doses Administered											99.2%
First Nation/Tribal Council											
First Nations	2	1	0	8	1	0	0	0	0	0	
Non-First Nations	0	0	0	0	0	0	0	0	0	0	
Total for First Nation/Tribal Council	2	1	0	8	1	0	0	0	0	0	10
Percentage of Doses Administered											0.2%
Other											
First Nations	0	1	7	1	0	0	0	0	0	0	
Non-First Nations	1	0	8	2	1	0	1	0	0	0	
Total for Other	1	1	15	3	1	0	1	0	0	0	25
Percentage of Doses Administered											0.6%
Total for 70 - Norman	372	1,582	285	901	1,168	37	2	1	1	11	4,301
80 - Burntwood											
Public Health Nurse											
First Nations	463	1,860	161	961	350	108	2	41	6	45	
Non-First Nations	283	380	73	330	683	55	1	35	0	14	
Total for Public Health Nurse	746	2,240	234	1,291	1,033	163	3	76	6	59	7,070
Percentage of Doses Administered											96.4%
Physician											
First Nations	1	10	0	3	2	0	0	0	0	0	
Non-First Nations	4	21	0	9	1	1	9	0	0	0	
Total for Physician	5	31	0	12	3	1	9	0	0	0	65
Percentage of Doses Administered											0.9%
First Nation/Tribal Council											
First Nations	0	1	3	1	2	0	0	0	0	0	
Total for First Nation/Tribal Council	0	1	3	1	2	0	0	0	0	0	6
Percentage of Doses Administered											0.1%
Other											
First Nations	0	0	3	8	8	0	0	0	0	0	
Non-First Nations	0	0	15	8	4	1	1	5	1	0	
Total for Other	0	0	18	16	12	1	1	5	1	0	47
Percentage of Doses Administered											0.7%
Total for 80 - Burntwood	751	2,241	255	1,325	1,055	174	13	81	7	59	7,163
90 - Churchill											
Public Health Nurse											
First Nations	2	19	2	6	5	3	0	4	0	0	
Non-First Nations	13	45	5	79	30	4	0	2	0	0	
Total for Public Health Nurse	15	64	7	85	35	7	0	6	0	0	163
Percentage of Doses Administered											100.0%
Total for 90 - Churchill	15	64	7	85	35	7	0	6	0	0	163

NOTE: "Other" includes nurse facilities, primary care providers, private health care providers, pharmacists, and other health providers.

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2003

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
95 - Unknown											
Public Health Nurse											
First Nations	1	0	0	1	1	0	0	0	0	0	
Non-First Nations	0	0	0	1	2	0	0	1	0	0	
Total for Public Health Nurses	1	0	0	2	3	0	0	1	0	0	9
Percentage of Doses Administered											0.2%
Physician											
Non-First Nations	0	0	0	1	2	0	0	0	0	0	3
Total for Physician	0	0	0	1	2	0	0	0	0	0	3
Percentage of Doses Administered											0.2%
First Nation/Tribal Council											
First Nations	220	1,167	57	532	910	0	0	32	0	0	
Non-First Nations	51	288	13	117	106	0	0	3	0	0	
Total for First Nation/Tribal Council	271	1,455	70	639	1,016	0	0	36	0	0	3,547
Percentage of Doses Administered											95.6%
Other											
First Nations	2	10	1	6	0	0	0	0	0	0	
Non-First Nations	17	44	1	34	10	0	0	2	0	1	
Total for Other	19	54	2	40	10	0	0	2	0	1	127
Percentage of Doses Administered											3.7%
Total for 95 - Unknown	291	1,521	72	682	1,091	0	0	39	0	4	3,701
99 - Non-Manitoba											
Public Health Nurse											
First Nations	0	7	0	0	0	0	0	0	0	0	
Non-First Nations	30	185	18	119	70	0	7	0	28	29	
Total for Public Health Nurses	30	192	18	119	70	0	7	0	28	29	416
Percentage of Doses Administered											56.4%
Other											
First Nations	0	10	1	0	2	0	0	0	0	0	
Non-First Nations	25	97	20	86	73	0	4	1	6	11	
Total for Other	25	107	21	86	75	0	4	1	6	11	321
Percentage of Doses Administered											43.6%
Total for 99 - Non-Manitoba	55	300	40	205	145	0	11	1	34	40	737

NOTE: Other providers include health centres, primary care providers, public health nurses, pharmacists, and other unknown providers.

6. Influenza/Pneumococcal Immunization Coverage Reports, January 1, 2003 – December 31, 2003

6.1 By Patient Location

- Manitoba
- By RHA

Notes:

The population is selected using the client's address.

The "< 65 high risk" population estimate (i.e., denominator) is based on a calculation of 11 per cent of the total under 65 population. The same estimate is used for both influenza and pneumococcal high risk groups, although the target population is not identical. The "<65 high risk" numerator data are those doses identified as such via public health data entry in MIMS. These same doses are also included in the "all <65" doses and coverage calculations.

Influenza coverage reflects doses administered in the 2003 calendar year, data entered by April 16, 2004. Pneumococcal (2003) reflects doses administered in the 2003 calendar year, while pneumococcal (cumulative) reflects doses administered to clients from all previous years and including 2003.

Rate per 100 is the calculated coverage rate.

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2003

	Influenza			Pneumococcal (2003)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: MANITOBA									
Non-First Nations									
Count	104,766	14,536	86,019	36,022	5,008	8,674	94,000	13,107	67,660
Population	154,052	102,001	900,292	154,052	102,001	980,232	154,052	102,001	980,232
Rate per 100	68.0	14.2	9.2	23.4	5.0	8.8	61.6	12.8	6.9
First Nations									
Count	1,088	3,754	5,144	385	421	512	806	2,106	1,422
Population	2,512	7,096	72,887	2,512	7,096	72,887	2,512	7,096	72,887
Rate per 100	43.3	52.9	7.0	15.3	5.9	6.7	32.1	29.7	1.9
Total									
Count	105,854	18,290	91,163	36,407	5,429	9,186	94,806	15,213	69,082
Population	156,565	109,097	1,000,219	156,565	109,097	1,000,219	156,565	109,097	1,000,219
Rate per 100	67.6	16.7	9.1	23.2	5.0	9.2	61.1	13.9	7.0
Patient RHA: 10 - Winnipeg									
Non-First Nations									
Count	62,793	4,880	50,232	22,492	885	5,584	57,164	1,980	14,022
Population	90,129	60,885	551,813	90,129	60,885	551,813	90,129	60,885	551,813
Rate per 100	69.7	8.0	9.1	25.0	1.5	10.1	63.4	3.3	2.5
First Nations									
Count	133	449	793	45	194	81	142	117	283
Population	372	1,754	16,265	372	1,754	16,265	372	1,754	16,265
Rate per 100	35.8	25.6	4.9	12.1	11.0	5.0	38.4	6.6	1.7
Total									
Count	62,926	5,329	51,025	22,537	1,079	5,665	57,306	2,097	14,305
Population	90,501	62,639	568,078	90,501	62,639	568,078	90,501	62,639	568,078
Rate per 100	69.5	8.5	9.0	24.9	1.7	10.0	63.3	3.3	2.5

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2003

	Influenza			Pneumococcal (2003)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: 15 - Brandon									
Non-First Nations									
Count	4,761	322	3,865	1,778	52	409	4,273	82	1,039
Population	6,736	4,392	39,122	6,736	4,392	39,122	6,736	4,392	39,122
Rate per 100	70.7	7.0	9.9	26.4	1.2	1.0	63.4	1.9	2.7
First Nations									
Count	9	25	85	5	1	7	10	5	19
Population	20	305	1,867	20	305	1,867	20	305	1,867
Rate per 100	45.0	12.2	4.6	25.0	0.5	0.4	50.0	2.4	1.0
Total									
Count	4,770	327	3,950	1,783	53	416	4,283	87	1,058
Population	6,756	4,697	40,989	6,756	4,697	40,989	6,756	4,697	40,989
Rate per 100	70.6	7.3	9.6	26.4	1.2	1.0	63.4	1.9	2.6
Patient RHA: 20 - North Eastman									
Non-First Nations									
Count	3,125	887	2,862	1,175	130	262	2,873	196	811
Population	4,693	3,172	28,857	4,693	3,172	28,857	4,693	3,172	28,857
Rate per 100	66.7	28.0	9.9	25.1	3.8	0.9	61.3	6.2	2.8
First Nations									
Count	42	78	239	33	27	45	49	45	100
Population	257	840	5,847	257	840	5,847	257	840	5,847
Rate per 100	16.3	12.2	4.1	12.8	4.2	0.8	19.1	7.0	1.7
Total									
Count	3,167	965	3,101	1,208	147	307	2,922	241	911
Population	4,940	3,912	34,704	4,940	3,912	34,704	4,940	3,912	34,704
Rate per 100	64.1	25.3	8.9	24.5	3.9	0.9	59.1	6.3	2.6
Patient RHA: 25 - South Eastman									
Non-First Nations									
Count	3,749	877	3,749	1,175	95	252	3,478	137	893
Population	5,952	5,548	50,451	5,952	5,548	50,451	5,952	5,548	50,451
Rate per 100	63.0	15.8	7.4	19.7	1.8	0.5	58.4	2.5	1.8
First Nations									
Count	3	5	9	0	3	0	2	0	0
Population	6	35	239	6	35	239	6	35	239
Rate per 100	50.0	12.5	3.8	0.0	6.0	0.0	33.3	0.0	0.0
Total									
Count	3,752	882	3,749	1,175	98	252	3,480	137	893
Population	5,958	5,573	50,690	5,958	5,573	50,690	5,958	5,573	50,690
Rate per 100	63.0	15.8	7.4	19.7	1.8	0.5	58.4	2.5	1.8
Patient RHA: 30 - Interlake									
Non-First Nations									
Count	7,010	1,078	6,020	2,417	288	764	6,612	391	1,997
Population	10,264	6,440	58,561	10,264	6,440	58,561	10,264	6,440	58,561
Rate per 100	68.3	26.1	10.3	23.5	4.3	1.3	64.4	6.1	3.4
First Nations									
Count	137	347	556	47	82	39	112	35	115
Population	326	678	6,191	326	678	6,191	326	678	6,191
Rate per 100	42.0	51.2	9.0	14.4	12.2	0.6	34.4	5.2	1.9
Total									
Count	7,147	2,025	6,576	2,464	370	803	6,724	426	2,112
Population	10,590	7,118	64,752	10,590	7,118	64,752	10,590	7,118	64,752
Rate per 100	67.5	28.4	10.2	23.3	4.8	1.2	63.5	6.0	3.3

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2003

	Influenza			Pneumococcal (2003)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: 40 - Central									
Non-First Nations									
Count	5,261	799	6,060	2,685	51	346	6,346	98	1,009
Population	12,829	5,887	80,530	12,829	5,887	80,530	12,829	5,887	80,530
Rate per 100	64.4	13.6	7.6	20.9	0.7	0.4	49.5	1.7	1.2
First Nations									
Count	52	25	179	20	6	37	44	9	76
Population	144	545	4,974	144	545	4,974	144	545	4,974
Rate per 100	36.1	4.6	3.6	13.9	1.1	0.7	30.6	1.6	1.5
Total									
Count	5,313	824	6,479	2,705	57	383	6,390	107	1,085
Population	12,973	6,432	85,504	12,973	6,432	85,504	12,973	6,432	85,504
Rate per 100	64.1	12.8	7.6	20.9	0.7	0.4	49.3	1.7	1.3
Patient RHA: 45 - Assiniboine									
Non-First Nations									
Count	5,623	5,381	5,522	2,399	915	485	7,991	957	1,899
Population	13,186	5,370	53,390	13,186	5,370	53,390	13,186	5,370	53,390
Rate per 100	65.4	100.4	10.3	18.2	17.1	9.1	59.9	17.8	3.4
First Nations									
Count	76	189	474	16	19	21	54	46	80
Population	145	340	3,131	145	340	3,131	145	340	3,131
Rate per 100	52.4	55.6	15.1	11.0	5.6	0.7	37.2	13.5	2.6
Total									
Count	5,699	5,570	6,007	2,415	934	496	7,995	1,003	1,899
Population	13,331	5,710	56,521	13,331	5,710	56,521	13,331	5,710	56,521
Rate per 100	65.2	97.6	11.1	18.1	16.4	0.9	59.7	17.6	3.3
Patient RHA: 60 - Parkland									
Non-First Nations									
Count	4,623	1,352	3,763	1,497	214	365	4,714	226	1,075
Population	7,594	14,195	31,069	7,594	14,195	31,069	7,594	14,195	31,069
Rate per 100	60.9	9.5	12.1	19.7	1.5	1.2	62.2	1.6	3.5
First Nations									
Count	72	128	329	21	40	45	54	10	127
Population	111	182	3,595	111	182	3,595	111	182	3,595
Rate per 100	64.9	70.3	9.2	19.0	22.0	1.3	48.6	5.5	3.5
Total									
Count	4,695	1,480	4,092	1,518	254	405	4,768	236	1,202
Population	7,705	14,377	34,664	7,705	14,377	34,664	7,705	14,377	34,664
Rate per 100	62.4	10.4	11.8	19.7	1.7	1.2	62.0	1.6	3.5
Patient RHA: 70 - Norman									
Non-First Nations									
Count	1,195	342	2,271	286	189	165	1,209	344	610
Population	1,738	1,000	17,565	1,738	1,000	17,565	1,738	1,000	17,565
Rate per 100	68.8	34.2	12.9	16.5	18.9	0.9	69.7	34.4	3.5
First Nations									
Count	64	222	445	17	25	27	67	46	129
Population	160	530	5,367	160	530	5,367	160	530	5,367
Rate per 100	40.0	41.9	8.3	10.6	4.7	0.5	41.9	8.7	2.4
Total									
Count	1,259	564	2,716	303	214	192	1,276	390	739
Population	1,898	1,530	22,932	1,898	1,530	22,932	1,898	1,530	22,932
Rate per 100	66.4	36.9	11.9	15.9	14.0	0.8	67.5	25.5	3.2

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2003

	Influenza			Pneumococcal (2003)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: 80 - Burntwood									
Non-First Nations									
Count	348	778	1,750	126	74	85	303	107	392
Population	607	1,950	17,761	607	1,950	17,761	607	1,950	17,761
Rate per 100	57.3	39.9	9.9	20.8	3.8	0.5	49.9	5.5	2.2
First Nations									
Count	443	1,153	2,005	131	197	209	256	254	405
Population	963	2,782	25,347	963	2,782	25,347	963	2,782	25,347
Rate per 100	46.0	41.4	7.9	13.6	7.1	0.8	26.6	9.1	1.6
Total									
Count	791	1,931	3,755	257	271	294	559	361	797
Population	1,570	4,732	43,108	1,570	4,732	43,108	1,570	4,732	43,108
Rate per 100	50.4	40.8	8.7	16.4	5.7	0.7	35.6	7.6	1.8
Patient RHA: 90 - Churchill									
Non-First Nations									
Count	20	40	92	2	1	2	29	1	25
Population	44	29	810	44	89	810	44	89	810
Rate per 100	45.5	14.9	11.4	4.5	1.1	0.2	65.9	1.1	3.1
First Nations									
Count	7	18	30	0	1	1	9	2	8
Population	9	18	164	9	18	164	9	18	164
Rate per 100	77.8	100.0	18.3	0.0	5.6	0.6	100.0	11.1	4.9
Total									
Count	27	58	122	2	2	3	38	3	33
Population	53	107	974	53	107	974	53	107	974
Rate per 100	50.9	54.2	12.5	3.8	1.9	0.3	71.7	2.8	3.4

7. Influenza Vaccine Doses Administered, by Provider Type

- Manitoba
- By RHA

Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2003 – December 31, 2003, as entered into MIMS by April 16, 2004.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

Influenza Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
MANITOBA								
Physician								
Non-First Nations	Doses	47	226	45	105,099	154	0	105,570
	%	0.0	0.1	0.0	52.9	0.1	0.0	53.1
First Nations	Doses	0	7	1	646	6	0	660
	%	0.0	0.0	0.0	0.3	0.0	0.0	0.3
Physician - Total	Doses	47	233	46	105,744	160	0	106,230
	%	0.0	0.1	0.0	53.2	0.1	0.0	53.5
Public Health Nurse								
Non-First Nations	Doses	7,281	42,271	7,009	2	853	2	57,416
	%	3.7	21.3	3.5	0.0	0.4	0.0	28.9
First Nations	Doses	137	918	280	0	91	0	1,426
	%	0.1	0.5	0.1	0.0	0.0	0.0	0.7
Public Health Nurse - Total	Doses	7,418	43,189	7,289	2	944	2	58,844
	%	3.7	21.7	3.7	0.0	0.5	0.0	29.6
First Nation/Tribal								
Non-First Nations	Doses	113	468	175	0	68	0	824
	%	0.1	0.2	0.1	0.0	0.0	0.0	0.4
First Nations	Doses	353	2,287	623	0	264	0	3,547
	%	0.2	1.2	0.3	0.0	0.1	0.0	1.8
First Nation/Tribal - Total	Doses	466	2,755	798	0	352	0	4,371
	%	0.2	1.4	0.4	0.0	0.2	0.0	2.2
Other								
Non-First Nations	Doses	11,189	10,081	1,329	0	6,089	2	28,690
	%	5.6	5.1	0.7	0.0	3.1	0.0	14.4
First Nations	Doses	79	444	41	0	24	0	588
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.3
Other - Total	Doses	11,268	10,525	1,370	0	6,113	2	29,278
	%	5.7	5.3	0.7	0.0	3.1	0.0	14.7
MANITOBA - Total	Doses	19,199	58,702	9,503	105,746	7,589	4	198,723
	%	9.7	29.5	4.8	53.2	3.8	0.0	100.0

Influenza Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
10 - Winnipeg								
Physician								
Non-First Nations	Doses	44	201	34	81,344	11	0	80,634
	%	0.0	0.2	0.0	79.0	0.0	0.0	70.2
First Nations	Doses	0	6	1	277	0	0	284
	%	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Physician - Total		Doses	44	207	35	80,621	11	80,918
		%	0.0	0.2	0.0	79.2	0.0	70.5
Public Health Nurse								
Non-First Nations	Doses	1,738	11,283	2,486	0	77	0	15,582
	%	1.5	9.2	2.1	0.0	0.1	0.0	13.6
First Nations	Doses	23	159	33	6	0	0	215
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Public Health Nurse - Total		Doses	1,759	11,442	2,499	77	0	15,777
		%	1.5	9.3	2.2	0.0	0.0	13.7
Other								
Non-First Nations	Doses	9,128	7,387	1,216	0	17	1	17,671
	%	7.8	6.4	1.1	0.0	0.0	0.0	15.4
First Nations	Doses	59	743	39	0	1	0	442
	%	0.1	0.3	0.0	0.0	0.0	0.0	0.4
Other - Total		Doses	9,179	7,460	1,255	18	1	18,113
		%	8.0	6.7	1.1	0.0	0.0	15.8
10 - Winnipeg - Total		Doses	10,992	10,389	3,789	95,621	108	114,808
		%	9.6	16.2	3.3	79.2	0.1	100.0
15 - Brandon								
Physician								
Non-First Nations	Doses	0	2	0	6,381	0	0	6,384
	%	0.0	0.0	0.0	71.8	0.0	0.0	71.7
First Nations	Doses	0	0	0	63	0	0	63
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
Physician - Total		Doses	0	2	6,444	0	0	6,447
		%	0.0	0.0	72.2	0.0	0.0	72.4
Public Health Nurse								
Non-First Nations	Doses	1,045	704	145	0	1	2	1,897
	%	11.7	7.3	1.6	0.0	0.0	0.0	21.3
First Nations	Doses	2	16	6	0	0	0	26
	%	0.0	0.2	0.1	0.0	0.0	0.0	0.3
Public Health Nurse - Total		Doses	1,047	720	151	1	2	1,923
		%	11.8	7.5	1.7	0.0	0.0	21.6
Other								
Non-First Nations	Doses	23	416	1	0	86	0	526
	%	0.3	4.7	0.0	0.0	1.0	0.0	5.9
First Nations	Doses	0	13	0	0	0	0	13
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Other - Total		Doses	23	429	1	86	0	539
		%	0.3	4.8	0.0	0.0	0.0	6.1
15 - Brandon - Total		Doses	1,070	1,152	154	6,444	87	8,907
		%	12.0	12.9	1.7	72.2	1.0	100.0

Influenza Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
20 - North Eastman								
Physician								
Non-First Nations	Doses	0	0	0	1,011	0	0	1,011
	%	0.0	0.0	0.0	25.2	0.0	0.0	25.2
First Nations	Doses	0	0	0	10	0	0	10
	%	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Physician - Total	Doses	0	0	0	1,021	0	0	1,021
	%	0.0	0.0	0.0	25.4	0.0	0.0	25.4
Public Health Nurse								
Non-First Nations	Doses	265	2,797	580	0	0	0	3,622
	%	5.3	55.8	11.2	0.0	0.1	0.0	72.3
First Nations	Doses	9	63	19	0	17	0	108
	%	0.2	1.2	0.4	0.0	0.3	0.0	2.2
Public Health Nurse - Total	Doses	274	2,860	579	0	17	0	3,736
	%	5.5	57.0	11.5	0.0	0.5	0.0	74.5
First Nation/Tribal								
First Nations	Doses	0	0	1	0	1	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nation/Tribal - Total	Doses	0	0	1	0	1	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Non-First Nations	Doses	51	190	2	0	0	0	253
	%	1.2	3.8	0.0	0.0	0.0	0.0	5.0
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	51	190	2	0	0	0	256
	%	1.2	3.8	0.0	0.0	0.0	0.0	5.1
20 - North Eastman - Total	Doses	325	3,357	592	1,021	17	0	5,015
	%	6.7	69.9	11.5	25.4	0.5	0.0	100.0
25 - South Eastman								
Physician								
Non-First Nations	Doses	0	0	0	1,901	0	0	1,901
	%	0.0	0.0	0.0	25.5	0.0	0.0	25.5
Physician - Total	Doses	0	0	0	1,901	0	0	1,901
	%	0.0	0.0	0.0	25.5	0.0	0.0	25.5
Public Health Nurse								
Non-First Nations	Doses	899	3,073	490	0	0	0	4,462
	%	13.5	46.1	7.3	0.0	0.0	0.0	66.9
First Nations	Doses	1	4	1	0	0	0	6
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Public Health Nurse - Total	Doses	900	3,077	491	0	0	0	4,474
	%	13.5	46.1	7.3	0.0	0.0	0.0	67.0
Other								
Non-First Nations	Doses	3	294	6	0	0	0	303
	%	0.0	4.4	0.1	0.0	0.0	0.0	4.5
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	3	294	6	0	0	0	306
	%	0.0	4.4	0.1	0.0	0.0	0.0	4.6
25 - South Eastman - Total	Doses	903	3,371	497	1,901	0	0	6,681
	%	13.6	50.6	7.4	25.3	0.0	0.0	100.0

Influenza Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
30 - Interlake								
Physician								
Non-First Nations	Doses	0	11	0	4,162	0	0	4,163
	%	0.0	0.0	0.0	38.6	0.0	0.0	38.6
First Nations	Doses	0	0	0	73	0	0	73
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
Physician - Total	Doses	0	11	0	4,235	0	0	4,236
	%	0.0	0.0	0.0	39.3	0.0	0.0	39.3
Public Health Nurse								
Non-First Nations	Doses	426	4,700	482	0	12	0	5,620
	%	4.0	43.6	4.5	0.0	0.1	0.0	52.1
First Nations	Doses	3	52	0	0	40	0	125
	%	0.0	0.5	0.0	0.0	0.4	0.0	1.2
Public Health Nurse - Total	Doses	429	4,752	482	0	52	0	5,745
	%	4.0	44.4	4.5	0.0	0.5	0.0	53.3
First Nation/Tribal								
Non-First Nations	Doses	1	0	0	0	1	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nations	Doses	1	3	0	0	0	0	4
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nation/Tribal - Total	Doses	2	3	0	0	1	0	6
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Other								
Non-First Nations	Doses	334	443	1	0	0	0	778
	%	3.1	4.1	0.0	0.0	0.0	0.0	7.2
First Nations	Doses	1	15	0	0	0	0	16
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Other - Total	Doses	335	458	1	0	0	0	794
	%	3.1	4.3	0.0	0.0	0.0	0.0	7.4
30 - Interlake - Total	Doses	766	5,244	483	4,235	53	0	10,781
	%	7.1	48.6	4.5	39.3	0.5	0.0	100.0
40 - Central								
Physician								
Non-First Nations	Doses	1	11	4	6,997	5	0	6,918
	%	0.0	0.1	0.0	58.4	0.0	0.0	50.5
First Nations	Doses	0	3	0	143	0	0	143
	%	0.0	0.0	0.0	1.0	0.0	0.0	1.0
Physician - Total	Doses	1	14	4	7,140	5	0	7,061
	%	0.0	0.1	0.0	51.4	0.0	0.0	51.6
Public Health Nurse								
Non-First Nations	Doses	374	2,921	523	0	302	0	4,020
	%	2.7	25.6	3.8	0.0	2.2	0.0	29.4
First Nations	Doses	1	6	1	0	3	0	11
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Public Health Nurse - Total	Doses	375	2,927	524	0	305	0	4,031
	%	2.7	25.6	3.8	0.0	2.2	0.0	29.4
First Nation/Tribal								
Non-First Nations	Doses	0	0	1	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nation/Tribal - Total	Doses	0	0	1	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Non-First Nations	Doses	1,250	1,253	13	0	1	0	2,544
	%	9.1	9.3	0.1	0.0	0.0	0.0	18.6
First Nations	Doses	10	45	0	0	0	0	55
	%	0.1	0.3	0.0	0.0	0.0	0.0	0.4
Other - Total	Doses	1,260	1,298	13	0	1	0	2,599
	%	9.2	9.7	0.1	0.0	0.0	0.0	19.0
40 - Central - Total	Doses	1,636	4,180	542	7,140	311	0	13,692
	%	11.9	38.4	4.0	51.4	2.3	0.0	100.0

Influenza Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
45 - Assiniboine								
Physician								
Non-First Nations	Doses	0	0	0	2,276	0	0	2,006
	%	0.0	0.0	0.0	54.3	0.0	0.0	14.2
First Nations	Doses	0	0	0	16	0	0	16
	%	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Physician - Total	Doses	0	0	0	2,292	0	0	2,022
	%	0.0	0.0	0.0	54.3	0.0	0.0	14.3
Public Health Nurse								
Non-First Nations	Doses	1,305	9,126	1,470	0	9	0	11,910
	%	9.3	64.7	10.4	0.0	0.1	0.0	84.5
First Nations	Doses	0	48	30	0	0	0	78
	%	0.0	0.3	0.2	0.0	0.0	0.0	0.5
Public Health Nurse - Total	Doses	1,305	9,175	1,500	0	9	0	11,988
	%	9.3	65.1	10.6	0.0	0.1	0.0	85.1
First Nation/Tribal								
Non-First Nations	Doses	6	0	3	0	0	0	16
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
First Nations	Doses	6	56	4	0	0	0	66
	%	0.0	0.4	0.0	0.0	0.0	0.0	0.5
First Nation/Tribal - Total	Doses	12	56	6	0	0	0	72
	%	0.1	0.5	0.0	0.0	0.0	0.0	0.6
Other								
Non-First Nations	Doses	1	1	0	0	0	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	1	1	0	0	0	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45 - Assiniboine - Total	Doses	1,316	9,240	1,506	2,292	9	0	14,095
	%	9.4	65.2	10.7	54.3	0.1	0.0	100.0
60 - Parkland								
Physician								
Non-First Nations	Doses	0	1	0	2,276	0	0	2,277
	%	0.0	0.0	0.0	73.6	0.0	0.0	27.6
First Nations	Doses	0	0	0	59	0	0	59
	%	0.0	0.0	0.0	7	0.0	0.0	0.7
Physician - Total	Doses	0	1	0	2,335	0	0	2,336
	%	0.0	0.0	0.0	73.6	0.0	0.0	28.3
Public Health Nurse								
Non-First Nations	Doses	737	4,705	224	0	8	0	5,764
	%	8.9	63.4	2.7	0.0	0.1	0.0	69.0
First Nations	Doses	34	1,111	8	0	0	0	1,153
	%	0.4	15.1	0.1	0.0	0.0	0.0	13.0
Public Health Nurse - Total	Doses	771	4,816	232	0	8	0	5,816
	%	8.4	63.5	2.8	0.0	0.1	0.0	71.9
First Nation/Tribal								
Non-First Nations	Doses	0	1	1	0	0	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nations	Doses	1	1	1	0	2	0	5
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
First Nation/Tribal - Total	Doses	1	2	2	0	2	0	7
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Other								
Non-First Nations	Doses	1	0	0	0	0	0	1
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	1	0	0	0	0	0	1
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
60 - Parkland - Total	Doses	772	4,818	234	2,335	10	0	8,244
	%	9.4	58.7	2.8	73.6	0.1	0.0	100.0

Influenza Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
70 - Norman								
Physician								
Non-First Nations	Doses	2	0	7	0	129	0	138
	%	0.1	0.0	0.2	0.0	3.6	0.0	4.9
First Nations	Doses	0	1	0	0	3	0	4
	%	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Physician - Total	Doses	2	1	7	0	132	0	140
	%	0.1	0.0	0.2	0.0	3.7	0.0	5.1
Public Health Nurse								
Non-First Nations	Doses	134	1227	510	0	90	0	2,741
	%	3.7	55.8	14.1	0.0	2.5	0.0	76.0
First Nations	Doses	10	164	30	0	4	0	274
	%	0.3	4.3	2.7	0.0	0.1	0.0	7.6
Public Health Nurse - Total	Doses	144	1,391	540	0	94	0	3,015
	%	4.0	60.2	16.8	0.0	2.6	0.0	83.6
First Nation/Tribal								
Non-First Nations	Doses	0	0	4	0	0	0	4
	%	0.0	0.0	0.1	0.0	0.0	0.0	0.2
First Nations	Doses	3	4	10	0	3	0	20
	%	0.1	0.1	0.3	0.0	0.1	0.0	0.6
First Nation/Tribal - Total	Doses	3	4	14	0	3	0	24
	%	0.1	0.0	0.4	0.0	0.1	0.0	0.7
Other								
Non-First Nations	Doses	308	0	1	0	0	0	309
	%	8.5	0.0	0.0	0.0	0.0	0.0	10.2
First Nations	Doses	6	0	0	0	0	0	6
	%	0.2	0.0	0.0	0.0	0.0	0.0	0.4
Other - Total	Doses	314	0	1	0	0	0	315
	%	8.8	0.0	0.0	0.0	0.0	0.0	10.6
70 - Norman - Total	Doses	485	2,255	626	0	229	0	3,607
	%	12.9	60.3	17.4	0.0	6.3	0.0	100.0
80 - Burntwood								
Physician								
Non-First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physician - Total	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Public Health Nurse								
Non-First Nations	Doses	323	300	122	0	348	0	1,093
	%	14.6	40.0	5.5	0.0	16.7	0.0	76.1
First Nations	Doses	49	257	77	0	27	0	413
	%	2.2	11.6	3.5	0.0	1.2	0.0	15.5
Public Health Nurse - Total	Doses	372	557	199	0	375	0	2,098
	%	16.8	51.7	9.0	0.0	18.3	0.0	94.6
First Nation/Tribal								
First Nations	Doses	2	5	1	0	1	0	9
	%	0.1	0.3	0.0	0.0	0.0	0.0	0.4
First Nation/Tribal - Total	Doses	2	5	1	0	1	0	9
	%	0.1	0.3	0.0	0.0	0.0	0.0	0.4
Other								
Non-First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80 - Burntwood - Total	Doses	374	562	200	0	394	0	2,216
	%	16.9	52.1	9.0	0.0	17.8	0.0	100.0

Influenza Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
90 - Churchill								
Public Health Nurse								
Public Health Nurse	Doses	27	4	17	0	0	0	118
	N	10.8	1.6	18.5	0.0	0.0	0.0	73.5
Health Care Worker	Doses	5	11	7	0	0	0	41
	N	0.1	1.2	4.3	0.0	0.0	0.0	25.3
Household Contact	Doses	40	0	24	0	0	0	180
	N	15.3	0.0	14.5	0.0	0.0	0.0	98.5
Other								
Other	Doses	0	0	0	0	0	0	0
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	Doses	0	0	0	0	0	0	0
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	Doses	44	0	24	0	0	0	182
	N	17.0	0.0	14.5	0.0	0.0	0.0	100.0
95 - Unknown								
Public Health Nurse								
Public Health Nurse	Doses	0	0	0	0	0	0	0
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Health Care Worker	Doses	0	0	0	0	0	0	0
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nation/Tribal								
First Nation/Tribal	Doses	106	400	157	0	0	0	710
	N	7.0	26.7	1.0	0.0	0.0	0.0	7.0
Health Care Worker	Doses	240	0	306	0	0	0	2,441
	N	3.2	0.0	3.8	0.0	0.0	0.0	30.7
Household Contact	Doses	440	0	773	0	0	0	4,237
	N	4.2	0.0	7.4	0.0	0.0	0.0	40.3
Other								
Other	Doses	26	0	49	0	0	0	6,007
	N	0.0	0.0	0.3	0.0	0.0	0.0	59.3
Other	Doses	1	0	0	0	0	0	49
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Other	Doses	67	0	91	0	0	0	6,000
	N	0.8	0.0	0.9	0.0	0.0	0.0	59.7
Other	Doses	673	0	394	0	0	0	16,508
	N	5.7	0.0	3.3	0.0	0.0	0.0	100.0
99 - Non-Manitoba								
Public Health Nurse								
Public Health Nurse	Doses	0	0	0	0	0	0	1
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Health Care Worker	Doses	0	0	0	0	0	0	1
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Other	Doses	0	0	0	0	0	0	4
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	Doses	0	0	0	0	0	0	4
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	Doses	0	0	0	0	0	0	5
	N	0.0	0.0	0.0	0.0	0.0	0.0	0.0

8. Pneumococcal Vaccine Doses Administered, by Provider Type

- Manitoba
- By RHA

Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2003 – December 31, 2003, as entered into MIMS by April 16, 2004.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

"Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

Pneumococcal Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
MANITOBA								
Physician								
From First Nations	Coverage	0	67	0	1,471	0	0	23,540
	R	0.0	0.1	0.0	71.1	0.0	0.0	71.2
First Nations	Coverage	0	75	0	186	0	0	150
	R	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Physician - Total	Coverage	0	142	0	1,657	0	0	33,690
	R	0.0	0.1	0.0	71.4	0.0	0.0	71.6
Public Health Nurse								
From First Nations	Coverage	0	10,000	0	0	6	0	10,006
	R	0.0	100.0	0.0	0.0	0.0	0.0	23.0
First Nations	Coverage	0	100	0	0	5	0	193
	R	0.0	1.4	0.0	0.0	0.0	0.0	0.4
PH Nurse - Total	Coverage	0	10,100	0	0	11	0	11,001
	R	0.0	100.0	0.0	0.0	0.0	0.0	23.4
First Nation/Tribal								
From First Nations	Coverage	0	71	0	0	3	0	73
	R	0.0	0.1	0.0	0.0	0.0	0.0	0.2
First Nations	Coverage	0	40	0	0	0	0	412
	R	0.0	0.0	0.0	0.0	0.0	0.0	0.9
First Nation/Tribal - Total	Coverage	0	111	0	0	3	0	505
	R	0.0	0.2	0.0	0.0	0.0	0.0	1.1
Other								
From First Nations	Coverage	0	1,800	0	0	1	0	1,804
	R	0.0	4.0	0.0	0.0	0.0	0.0	3.8
Other - First Nations	Coverage	0	75	0	0	0	0	76
	R	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Other - Total	Coverage	0	1,875	0	0	1	0	1,879
	R	0.0	4.2	0.0	0.0	0.0	0.0	4.0
MANITOBA - Total	Coverage	0	13,075	0	1,471	24	0	47,075
	R	0.0	100.0	0.0	71.4	0.1	0.0	100.0

Pneumococcal Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
10 - Winnipeg								
Physician								
Non-First Nations	Doses	0	42	0	25,522	0	0	25,564
	%	0.0	0.1	0.0	93.2	0.0	0.0	93.2
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physician - Total	Doses	0	42	0	25,522	0	0	25,564
	%	0.0	0.1	0.0	93.2	0.0	0.0	93.4
Public Health Nurse								
Non-First Nations	Doses	0	3,619	0	0	0	0	3,619
	%	0.0	11.5	0.0	0.0	0.0	0.0	11.8
First Nations	Doses	0	37	0	0	0	0	37
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Public Health Nurse - Total	Doses	0	3,656	0	0	0	0	3,656
	%	0.0	11.9	0.0	0.0	0.0	0.0	11.9
Other								
Non-First Nations	Doses	0	1,392	0	0	0	0	1,392
	%	0.0	4.5	0.0	0.0	0.0	0.0	4.5
First Nations	Doses	0	67	0	0	0	0	67
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Other - Total	Doses	0	1,459	0	0	0	0	1,459
	%	0.0	4.7	0.0	0.0	0.0	0.0	4.7
10 - Winnipeg - Total	Doses	0	5,157	0	25,522	0	0	30,739
	%	0.0	16.8	0.0	93.2	0.0	0.0	100.0
15 - Brandon								
Physician								
Non-First Nations	Doses	0	14	0	2,095	0	0	2,109
	%	0.0	0.6	0.0	97.9	0.0	0.0	98.5
First Nations	Doses	0	0	0	15	0	0	15
	%	0.0	0.0	0.0	0.6	0.0	0.0	0.6
Physician - Total	Doses	0	14	0	2,110	0	0	2,124
	%	0.0	0.6	0.0	98.5	0.0	0.0	99.1
Public Health Nurse								
Non-First Nations	Doses	0	243	0	0	0	0	243
	%	0.0	10.2	0.0	0.0	0.0	0.0	10.2
First Nations	Doses	0	4	0	0	0	0	4
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Public Health Nurse - Total	Doses	0	247	0	0	0	0	247
	%	0.0	10.4	0.0	0.0	0.0	0.0	10.4
Other								
Non-First Nations	Doses	0	13	0	0	0	0	13
	%	0.0	0.5	0.0	0.0	0.0	0.0	0.5
Other - Total	Doses	0	13	0	0	0	0	13
	%	0.0	0.5	0.0	0.0	0.0	0.0	0.5
15 - Brandon - Total	Doses	0	274	0	2,110	0	0	2,384
	%	0.0	11.5	0.0	98.5	0.0	0.0	100.0

Pneumococcal Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
20 - North Eastman								
Physician								
Non-First Nations	Doses	0	1	0	272	0	0	273
	%	0.0	0.1	0.0	21.4	0.0	0.0	21.4
Physician - Total	Doses	0	1	0	272	0	0	273
	%	0.0	0.1	0.0	21.4	0.0	0.0	21.4
Public Health Nurse								
Non-First Nations	Doses	0	96	0	0	0	0	96
	%	0.0	76.0	0.0	0.0	0.0	0.0	76.0
First Nations	Doses	0	1	0	0	3	0	4
	%	0.0	7.7	0.0	0.0	0.2	0.0	1.9
Public Health Nurse - Total	Doses	0	97	0	0	3	0	99
	%	0.0	77.7	0.0	0.0	0.2	0.0	77.9
Other								
Non-First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20 - North Eastman - Total	Doses	0	98	0	272	3	0	1,273
	%	0.0	75.4	0.0	21.4	0.2	0.0	100.0
25 - South Eastman								
Physician								
Non-First Nations	Doses	0	0	0	593	0	0	593
	%	0.0	0.0	0.0	45.8	0.0	0.0	45.8
Physician - Total	Doses	0	0	0	593	0	0	593
	%	0.0	0.0	0.0	45.8	0.0	0.0	45.8
Public Health Nurse								
Non-First Nations	Doses	0	657	0	0	0	0	657
	%	0.0	50.8	0.0	0.0	0.0	0.0	50.8
Public Health Nurse - Total	Doses	0	657	0	0	0	0	657
	%	0.0	50.8	0.0	0.0	0.0	0.0	50.8
Other								
Non-First Nations	Doses	0	44	0	0	0	0	44
	%	0.0	3.4	0.0	0.0	0.0	0.0	3.4
Other - Total	Doses	0	44	0	0	0	0	44
	%	0.0	3.4	0.0	0.0	0.0	0.0	3.4
25 - South Eastman - Total	Doses	0	701	0	593	0	0	1,294
	%	0.0	54.2	0.0	45.8	0.0	0.0	100.0

Pneumococcal Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
30 - Interlake								
Physician								
Non-First Nations	Doses	0	1	0	1,344	0	0	1,345
	%	0.0	0.0	0.0	50.9	0.0	0.0	50.9
First Nations	Doses	0	0	0	16	0	0	16
	%	0.0	0.0	0.0	0.6	0.0	0.0	0.6
Physician - Total	Doses	0	1	0	1,360	0	0	1,361
	%	0.0	0.0	0.0	51.5	0.0	0.0	51.5
Public Health Nurse								
Non-First Nations	Doses	0	1,216	0	0	2	0	1,218
	%	0.0	46.0	0.0	0.0	0.1	0.0	46.1
First Nations	Doses	0	9	0	0	2	0	11
	%	0.0	0.3	0.0	0.0	0.1	0.0	0.4
Public Health Nurse - Total	Doses	0	1,225	0	0	4	0	1,229
	%	0.0	46.4	0.0	0.0	0.2	0.0	46.5
First Nation/Tribal								
Non-First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.0
First Nation/Tribal - Total	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Non-First Nations	Doses	0	49	0	0	0	0	49
	%	0.0	1.9	0.0	0.0	0.0	0.0	1.9
First Nations	Doses	0	2	0	0	0	0	2
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Other - Total	Doses	0	51	0	0	0	0	51
	%	0.0	1.9	0.0	0.0	0.0	0.0	1.9
30 - Interlake - Total	Doses	0	1,279	0	1,360	4	0	2,642
	%	0.0	48.4	0.0	51.5	0.2	0.0	100.0
40 - Central								
Physician								
Non-First Nations	Doses	0	9	0	2,341	0	0	2,350
	%	0.0	0.3	0.0	96.9	0.0	0.0	97.2
First Nations	Doses	0	0	0	49	0	0	49
	%	0.0	0.0	0.0	1.8	0.0	0.0	1.8
Physician - Total	Doses	0	9	0	2,390	0	0	2,399
	%	0.0	0.3	0.0	98.7	0.0	0.0	99.0
Public Health Nurse								
Non-First Nations	Doses	0	65	0	0	0	0	65
	%	0.0	2.4	0.0	0.0	0.0	0.0	2.4
Public Health Nurse - Total	Doses	0	65	0	0	0	0	65
	%	0.0	2.4	0.0	0.0	0.0	0.0	2.4
Other								
Non-First Nations	Doses	0	225	0	0	0	0	225
	%	0.0	8.4	0.0	0.0	0.0	0.0	8.4
First Nations	Doses	0	5	0	0	0	0	5
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Other - Total	Doses	0	230	0	0	0	0	230
	%	0.0	8.5	0.0	0.0	0.0	0.0	8.5
40 - Central - Total	Doses	0	304	0	2,390	0	0	2,694
	%	0.0	11.3	0.0	98.7	0.0	0.0	100.0

Pneumococcal Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
45 - Assiniboine								
Physician								
Non-First Nations	Doses	0	2	0	514	0	0	514
	%	0.0	0.0	0.0	15.2	0.0	0.0	15.2
Physician - Total	Doses	0	2	0	514	0	0	514
	%	0.0	0.0	0.0	15.2	0.0	0.0	15.2
Public Health Nurse								
Non-First Nations	Doses	0	2,304	0	0	0	0	2,304
	%	0.0	41.5	0.0	0.0	0.0	0.0	81.5
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Public Health Nurse - Total	Doses	0	2,304	0	0	0	0	2,304
	%	0.0	41.5	0.0	0.0	0.0	0.0	81.5
First Nation/Tribal								
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nation/Tribal - Total	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Non-First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45 - Assiniboine - Total	Doses	0	2,314	0	514	0	0	2,828
	%	0.0	81.5	0.0	15.2	0.0	0.0	100.0
60 - Parkland								
Physician								
Non-First Nations	Doses	0	0	0	765	0	0	765
	%	0.0	0.0	0.0	19.0	0.0	0.0	39.6
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physician - Total	Doses	0	0	0	765	0	0	765
	%	0.0	0.0	0.0	19.0	0.0	0.0	39.6
Public Health Nurse								
Non-First Nations	Doses	0	1,135	0	0	0	0	1,135
	%	0.0	58.7	0.0	0.0	0.0	0.0	58.7
First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Public Health Nurse - Total	Doses	0	1,135	0	0	0	0	1,135
	%	0.0	58.7	0.0	0.0	0.0	0.0	58.7
Other								
Non-First Nations	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other - Total	Doses	0	0	0	0	0	0	0
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60 - Parkland - Total	Doses	0	1,135	0	765	0	0	1,900
	%	0.0	58.7	0.0	39.6	0.0	0.0	100.0

Pneumococcal Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
70 - Norman								
Public Health Nurse								
Non-First Nations	Doses	0	429	0	0	1	0	430
	%	0.0	91.9	0.0	0.0	0.2	0.0	92.1
First Nations	Doses	0	18	0	0	0	0	18
	%	0.0	3.9	0.0	0.0	0.0	0.0	3.9
Public Health Nurse - Total	Doses	0	447	0	0	1	0	448
	%	0.0	95.7	0.0	0.0	0.2	0.0	95.9
First Nation/Tribal								
Non-First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
First Nation/Tribal - Total	Doses	0	1	0	0	0	0	1
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Other								
Non-First Nations	Doses	0	19	0	0	0	0	19
	%	0.0	3.9	0.0	0.0	0.0	0.0	3.9
Other - Total	Doses	0	19	0	0	0	0	19
	%	0.0	3.9	0.0	0.0	0.0	0.0	3.9
70 - Norman - Total	Doses	0	466	0	0	1	0	467
	%	0.0	93.8	0.0	0.0	0.2	0.0	100.0
80 - Burntwood								
Physician								
Non-First Nations	Doses	0	0	0	27	0	0	27
	%	0.0	0.0	0.0	10.4	0.0	0.0	10.4
First Nations	Doses	0	0	0	1	0	0	1
	%	0.0	0.0	0.0	0.4	0.0	0.0	0.4
Physician - Total	Doses	0	0	0	28	0	0	28
	%	0.0	0.0	0.0	10.8	0.0	0.0	10.8
Public Health Nurse								
Non-First Nations	Doses	0	160	0	0	3	0	163
	%	0.0	61.8	0.0	0.0	1.2	0.0	62.9
First Nations	Doses	0	67	0	0	0	0	67
	%	0.0	25.9	0.0	0.0	0.0	0.0	25.9
Public Health Nurse - Total	Doses	0	227	0	0	3	0	230
	%	0.0	87.6	0.0	0.0	1.2	0.0	88.8
Other								
Non-First Nations	Doses	0	0	0	0	1	0	1
	%	0.0	0.0	0.0	0.0	0.4	0.0	0.4
Other - Total	Doses	0	0	0	0	1	0	1
	%	0.0	0.0	0.0	0.0	0.4	0.0	0.4
80 - Burntwood - Total	Doses	0	227	0	28	4	0	259
	%	0.0	87.6	0.0	10.8	1.5	0.0	100.0
90 - Churchill								
Public Health Nurse								
Non-First Nations	Doses	0	4	0	0	0	0	4
	%	0.0	66.7	0.0	0.0	0.0	0.0	66.7
First Nations	Doses	0	2	0	0	0	0	2
	%	0.0	33.3	0.0	0.0	0.0	0.0	33.3
Public Health Nurse - Total	Doses	0	6	0	0	0	0	6
	%	0.0	100.0	0.0	0.0	0.0	0.0	100.0
90 - Churchill - Total	Doses	0	6	0	0	0	0	6
	%	0.0	100.0	0.0	0.0	0.0	0.0	100.0

Pneumococcal Vaccine Doses Administered Report by Provider Type and First Nations Status

January 1 - December 31, 2003

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
95 - Unknown								
First Nation/Tribal								
Non-First Nations	Doses	0	82	0	0	3	0	71
	%	0.0	12.9	0.0	0.0	0.6	0.0	13.4
First Nations	Doses	0	422	0	0	9	0	431
	%	0.0	79.3	0.0	0.0	1.7	0.0	81.6
First Nation/Tribal - Total	Doses	0	490	0	0	12	0	502
	%	0.0	92.2	0.0	0.0	2.3	0.0	95.1
Other								
Non-First Nations	Doses	0	25	0	0	0	0	25
	%	0.0	4.7	0.0	0.0	0.0	0.0	4.7
First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Other - Total	Doses	0	26	0	0	0	0	26
	%	0.0	4.9	0.0	0.0	0.0	0.0	4.9
95 - Unknown - Total	Doses	0	516	0	0	12	0	528
	%	0.0	97.7	0.0	0.0	2.3	0.0	100.0
99 - Non-Manitoba								
Public Health Nurse								
Non-First Nations	Doses	0	2	0	0	0	0	2
	%	0.0	6.3	0.0	0.0	0.0	0.0	6.9
Public Health Nurse - Total	Doses	0	2	0	0	0	0	2
	%	0.0	6.3	0.0	0.0	0.0	0.0	6.9
Other								
Non-First Nations	Doses	0	27	0	0	0	0	27
	%	0.0	93.1	0.0	0.0	0.0	0.0	93.1
Other - Total	Doses	0	27	0	0	0	0	27
	%	0.0	93.1	0.0	0.0	0.0	0.0	93.1
99 - Non-Manitoba - Total	Doses	0	29	0	0	0	0	29
	%	0.0	100.0	0.0	0.0	0.0	0.0	100.0

